25 TO 470 MHZ

3rd EDITION!

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1980 THE 'TOP SECRET'

REGISTRY OF U.S. GOVERNMENT RADIO FREQUENCIES

R 11/7/80

BY TOM KNEITEL, K2AES

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THE 'TOP SECRET' REGISTRY OF U.S. GOVERNMENT RADIO FREQUENCIES

25 TO 470 MHZ

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BY TOM KNEITEL, K2AES

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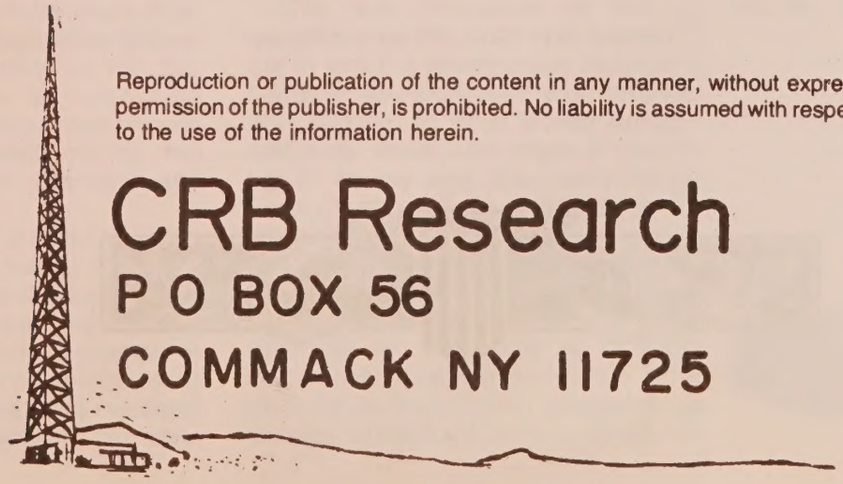

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INTRODUCTION TO THE THIRD EDITION

The response to the first two editions of this book was overwhelming, each edition went through two large printings. Copies were obtained by most leading manufacturers of communications equipment, by several federal security agencies, and by many others, including many persons who are serious users of scanner equipment; and that's what this publication is all about, a useful and informative source of information and date for advanced and/or professional communications interests.

The large amount of additional information, changes, deletions, corrections, supplied by users of the two earlier editions has gone into making this greatly expanded Third Edition more useful and informative than ever before. I would like to thank those who have sent in data and invite them to do the same regarding the listings in this edition; those who have not yet sent in any additions and/or corrections are invited and encouraged to do so.

It's apparent that I am not alone in thinking that while one of the most fascinating and exciting aspects of monitoring the "action" bands is listening to the operations of civilian and military agencies of the government; fascinating though it might be, it has all too often meant groping in the dark. Why? Well, there's been a monumental lack of "hard" data available to aid the serious listener. While listings of local, county, and state police and fire services have been available for several years now, data on the more interesting federal operations has remained in the twilight zone, despite an increased public interest in such operations—in fact, probably spurred on by the general popularity of scanners and their use.

I've been digging around on high frequency and VHF bands for more than 30 years now rooting out these stations. I've watched their operations gradually expand upwards in frequency, keeping in pace with state of the art technologies. And I've been keeping detailed records of what these stations have been up to— shifting/changing bands and frequencies, updating their systems and operations. This publication contains data from my private files concerning these operations, helped greatly by additional information enthusiastically sent in to me by other listeners who obtained the earlier editions of this registry. A massive "active frequency" compilation of this type of information has not been previously attempted.

I might point out that at one point (in the 1930's, for instance) information of this type was not quite so scarce; information on federal military and "security" frequencies and operations was widely published in scores of hobby magazines as it was received directly from the civilian and military agencies themselves. World War II seemed to change this informative attitude, the government became more restrained about passing such information freely. Nevertheless, in 1947 I was (as a naive teenager who probably should have known better than to try) able to obtain a complete listing of the callsigns and the location of all stations of the U.S. Navy, Army, Air Force, Marines and Coast Guard, updated correction pages and all. I did that by writing to the Joint Chiefs of Staff in Washington and asking for the date. They wrote back and asked why I wanted it—I told them that I liked to listen to the stations on my shortwave receiver. Within days a large carton arrived containing more information than I ever dreamed existed.

Encouraged by my good fortune, in 1948 I wrote to the FBI and asked if they would be kind enough to type up a list of all of their frequencies and stations, sending it along to me at their earliest convenience. That brought a response in the form of a letter dated Nov. 23, 1948, from FBI Director J. Edgar Hoover, who told me bluntly, "Although I would like to be of service, information such as you have requested is confidential and not available for distribution." So much for that idea!

This was indicative of the atmosphere as the Cold War started to set in and the government decided to become less generous with information relating to what it was doing—and how, when, and where it was doing it! At any rate, they were not going to send it to an enthusiastic 15-year old!

At the present time only certain information relating to federal stations is freely available to the public, and the bulk of that data is of questionable accuracy and validity. None of it is in the FCC's computer, as federal stations aren't actually "licensed"—in fact they aren't under the jurisdiction of the FCC at all. They operate under the aegis of several curiously initialled agencies such as MCEB, IRAC, also the Dept. of Defense. Frankly, the information which these agencies has is a reasonably confusing mess, although it is now possible to sift through it. Anything at all of a "sensitive" nature, such as much of the data in the publication you are now reading, is still kept secret from you. But what you can find is the result of the curious habit of most federal agencies to attempt to register or authorize practically every installation they have on just about every single frequency available for the agency to use! Most of the stations may only use (or even know that they have available for their use) only 1 to 3 of the literally dozens of frequencies which appear to be established for their use, based upon information now made available to the public by the government.

Recently the National Park Service Communications HQ in Denver told me that they really had no idea at all as to which specific NPS installations were on which particular frequencies available for NPS operation, or even the callsigns of those installations! They were sure, however, that they had a large number of stations in operation and suggested that the only way one might find out which specific frequencies were actually in use at individual NPS facilities would be. by checking directly with each

facility! I spoke to the communications person at one particular federal facility who immediately squawked about being short of frequencies upon which to operate. When I told him that his station was actually registered and authorized to operate on about a dozen frequencies, according to "records," he was almost in shock— was totally unaware of this happy harvest available to him. He wrote for further clarification but was unable to receive any clear cut answer from his main office; eventually he simply took it upon himself to commence using two of those newfound frequencies which he had learned (from me) were supposedly set aside for his facility. So you've got some idea as to where things "are at."

Let me point out that much of the "line" which separates governmental and non-federal operations is, at best, fuzzy. Some civilian (non-governmental, that is) agencies (such as police or state fire control units) have been authorized for operations on federally reserved frequencies in order to coordinate their functions with federal agencies. An example of this would be the Hudspeth Co. Sheriff's Dept. in Sierra Blanca, Tex., which can operate (according to their FCC license) on 162.825, 162.925, 163.625 and 163.675; presumably for communication with U.S. Border Patrol units in that area.

On the other hand, sometimes federal stations appear on "civilian" frequencies or as units within non-federal communications systems, such as the Coast Guard or National Park Service on CB channel 9. The Dept. of Justice has mobile units operating within numerous police radio systems, while many federal agencies have mobile telephones which operate on frequencies used for communications with "Mobile Operators." Likewise, most federal agencies which operate ships and boats are able to operate on all frequencies set aside for general maritime communications; while agencies using fixed wing aircraft and helicopters obviously have to be able to operate on all VHF aero frequencies for their routine flight safety and navigation operations. In addition, there are frequencies used for communications between stations which are involved in oil spill cleanup and one might hear both private enterprise and federal stations intercommunicating on such frequencies. I have endeavored to use my personal experience and evaluation to offer you a complete selection of active federal system operations, although I have generally not included nominally non-government system frequencies in which federal stations may secondarily operate—such as regular police, maritime, aero, and similar frequencies.

ASSEMBLING THE DATA

Besides my own personal monitoring and frequency measurements from various locations over the years, and the excellent data input from users of the previous editions of this publication, I have also been fortunate enough to "swap notes" with several top notch communications specialists who share my interest in this field—these people come from a wide geographic area and rather divergent backgrounds; one is a communications engineer, one a car mechanic, one a pro athlete, another a TV personality—there's also a high school student and so on down the line. I've also been able to compare this data against other information, such as information in the records of the International Telecommunications Union and several other similar agencies. I've also checked through the frequency files of the leading supplier of federal frequency scanner crystals, Z-Tech Enterprises (P.O. Box 70, Hauppauge, N.Y. 11787). Most importantly, I've made plenty of "educated guesses."

Certainly there are frequencies used by federal agencies which aren't (yet) listed in this book, and certainly there are some incorrect agencies noted for some of the frequencies listed. But with continuing data input from readers, we can continue to expand and further increase the accuracy of the available information.

Your attention is especially directed towards the fact that some frequencies listed herein show no agency designator. This is to indicate that while activity has been noted, insufficient data has been obtained to offer even an educated guess as to which agency or agencies might be using same. If you hear activity on such frequencies, take a guess and let me know what you think!

FREQUENCIES

In the normal course of their operations, federal stations are set up to have free reign over their "own bands," which they "have" on a generally exclusive basis and within which the FCC does not normally license stations (except under special circumstances with special permission of those governmental agencies normally using those frequencies). It is these "exclusive" federal bands with which we are *primarily* concerned here, plus those assorted oddball frequencies which lie outside of the "protected" bands. So, within the coverage scope of this registry, the "exclusive" federal bands are:

25.330 TO 26.100 MHZ
26.480 TO 26.950 MHZ
27.540 TO 28.000 MHZ
29.890 TO 29.910 MHZ
30.000 TO 30.510 MHZ
32.000 TO 33.000 MHZ
34.000 TO 35.000 MHZ
36.000 TO 37.000 MHZ
38.000 TO 39.000 MHZ
40.000 TO 42.000 MHZ
46.000 TO 47.000 MHZ
49.660 TO 50.000 MHZ
138.000 TO 144.000 MHZ
148.000 TO 150.800 MHZ
157.040 TO 157.190 MHZ
162.020 TO 173.200 MHZ
173.400 TO 174.000 MHZ
216.000 TO 220.000 MHZ
225.000 TO 420.000 MHZ

Readers having scanners incorporating a "search" feature might wish to select those bands from the above listing which lie within the capabilities of their equipment and see if "automatic frequency search" will detect additional frequencies not already listed in this registry.

As I mentioned earlier, federal stations invariably are "authorized" for operation on far more frequencies than they may actually use or are even aware. However, in the case of many security-type agencies they do tend to shift and change from time to time within the assortment of frequencies available for their use. Sometimes they will vacate a one busy frequency for an extended period, only to return to it at some later date. Also, frequencies used in a particular city by some of the larger agencies are generally not used at all locations, and furthermore many frequencies are shared by more than one agency. Within certain federal departments, some frequencies appear to move from one division to another. For instance, at one time several years ago the Immigration people were using 167.303 in New York; later they moved to other frequencies and another agency (probably FBI) was heard using that frequency. Some frequencies shown herein are repeaters, and where possible we have also provided information on which frequency it repeats (i.e. "Rpts 172.800"). On the other hand, repeater "input" frequencies are, where known, indicated with the repeater "output frequency" (i.e. "Inpt to 167.050").

In the instance of agencies which use repeaters, often mobile and hand-held units also have the ability to transmit on the repeater's output frequency, thereby bypassing the repeater for "direct" short-range communications from mobile to mobile or hand-held units. Stations normally

communicating through a repeater might then annouce that they are switching over to Frequency 2 (or "F-2"), which usually means "direct communications." In at least several systems, such as the FCC repeaters noted on 167.050, when the mobiles switch over to "direct" communications they operate "simplex" (transmit/receive) on 167.050—the repeater output frequency. This permits close-in communications which have only limited range, but still lets them monitor the repeater frequency in the event a distant unit (or their office) wants to communicate with them Generally, in systems using repeaters (which includes almost all systems above 400 MHz, as well as many between 162.020 and 174 MHz), it would be best to monitor the repeater *output* frequency than attempting to hear the mobiles and hand-held units on the repeater input ("talk-in") channel.

Do not forget that many agencies of the government have operations which extend to areas outside of our continental borders. This would be true for all military forces and some civilian agencies. So some (or perhaps many) of the frequencies shown here would (or could potentially) be in world-wide use; it is reasonable to assume that at least some of the frequencies listed are used only at overseas locations during a given time period.

As you look over the listings herein you will note "frequency clusters," that is to say, groupings of frequencies within a small band segment which are available for use by stations of a particular agency. Such clusters are established so that the agency can have multi-channel equipment, and also have the option to replace operational channels with a totally new set of frequencies without repeaking the antennas and retuning the transmitters. Multi-channel PLL and "Auto Tune" equipments make especially efficient use of these "frequency clusters." Therefore if you are looking for an "unknown" frequency of a particular agency, a good bet would be to start your search near a frequency cluster noted for that agency. In some few instances, such clusters can be used for scrambling or security purposes (more about that later).

There has been no deliberate attempt to "cleanse," "purge," "sanitize," or otherwise censor or omit listings from this publication under any (perhaps) insolent assumption on my part that I am somehow qualified to determine which frequencies you shouldn't be able to listen to on your own scanner, or which information you "shouldn't" have. Any person using easily available commercial or military surplus equipment can tune in on and take frequency measurements on every single frequency listed herein, despite the fact that the government itself does not freely dispense most of this type of information to the public.

FRACTURED FREQUENCIES

To many listeners, a particularly vexing aspect of at least some federal frequencies is the fact that there is a tendence for them to be established on "fractional" frequencies. That is to say, for some obscure and probably arbitrary reason, the "actual assigned frequency" of a station or system may be, for instance, something like 165.1875 MHz. Inasmuch as most monitoring enthusiasts have become used to "standard" FCC-type assigned frequencies like 159.225 or 154.825 MHz, this 4-decimal or even 6-decimal frequency causes immediate confusion and all-too-often some concern that "it can't be picked up on a regular scanner" or receiver. This is reinforced when they note that their programmable scanner will readout on 165.185 and on 165.190, but seems to skip over the actual *exact* frequency; or persons with crystal scanners will insist that the crystals be cut right down to the last 500 Hz of the actual frequency.

Let me take some of the bugaboo out of all this if you happen to be in either category, this impressive 4-digits after the decimal is nothing fearsome—in fact some units have "actual" frequencies which go out to *six* placed after the decimal (especially true for telemetering operations)!

Fact is that, as sophisticated as all of this appears, to your scanner it is business as usual. In this registry I have not listed any frequencies out past "3 digits;" rounding off anything more than that to the final digit. So 165.1875 will show up here as 165.188 MHz, and that's as much as you'll have to be concerned with if you are going to order a crystal for a scanner. And if you have a programmable scanner, listen on either 165.185 *or* on 165.190 MHz and you'll be easily able to hear any transmissions in your operational range which might be taking place on 165.1875! This is because all scanners are designed to pick up a band of frequencies wide enough to permit reception of NBFM (Narrow Band Frequency Modulation) signals such as are used by VHF/UHF 2-way stations and they cannot even "notice" that you may be tuned a mere 2500 Hz "off center, all such signals are well within tolerance."

As a point of interest and footnote to these comments, the frequency 165.188 MHz was used during tests of the coverage distance and efficiency of concealed transmitters intended to be worn under the clothing of federal agents. These tests were reported in the federal publication entitled "Electronic Eavesdropping Techniques and Equipment," prepared for the U.S. Department of Justice. Units tested were 1-watt and 250 milliwatt nominal rf output designs. Other frequencies also used in these tests were in the regular commercial VHF band and consisted of 151.625 and 159.300 MHz.

For the record, I'd like to mention that "last zeros" after a decimal point in a frequency seem to confuse many people. For uniformity, in our "main" listing we have shown all frequencies out to 3-digits past the decimal point, although it was not actually necessary to do this. For instance, the frequency 162.400 MHz in our registry could have also been written as 162.40 or 162.4, or even 162.4000! These are all the same frequency. Once the decimal point is displayed, the final whole number is the last one which needs to be shown (so the frequency 163.850 could therefore also be written 163.85 or 163.8500. Again, these are different ways of expressing the exact same frequency. In actual practice, it is not uncommon to come across VHF/UHF aero and/or maritime frequencies to be written minus the "final" zeros, such as 156.8 or 268.5 rather than the way we have inccluded them herein (i.e. 156.800, 268.500). This is also true for many public safety and industrial frequencies, such as 155.55 and 154.28 instead of 155.550 and 154.280. Again, within this registry, we are showing all frequencies to 3 places solely for purposes of uniformity.

ACTIVITY STATUS

As I mentioned, there is some switching around noted, "musical chairs" so to speak, in connection with these frequencies at several agencies. There is no way to guarantee that any listed frequency is or will be in current use at any specific location, or that in areas where it is in use, that use is full, sporadic, special purpose, or back-up use.

Undoubtedly, the huge multitude of frequencies set aside for the armed forces are not expected to be in full use during peacetime, although I have heard normally "dead" frequencies unexpectedly spring to life when equipment is being checked out for "ready status."

As a "rule of thumb," the operations between 118.000 and 136 are connected with aero operations; this is also true for transmissions between 225 and 400 MHz.

TRANSMISSION MODES

The types of transmissions you are liable to hear coming from these stations is widely varied. Voice? Yes, of course, most of what you will hear will be voice communications, especially in the 30 to 50, 162 to 174, and 406 to 470 MHz ranges. While aero frequencies are in AM mode, most other operations between 30 and 470 are FM. Below 30 MHz you can encounter AM, FM, SSB, and CW.

On any frequency you could encounter all manner of "dead carriers," radioteletype, radiofacsimile, and assorted eerie sounding data and telemetering transmissions which could well sound like musical tones, pulses, chirps, and bagpipes. More than one single transmission mode can be used on a given frequency (such as voice/data).

Many satellite operational channels are voice repeater links, while others are strictly high-speed data transmissions which will make no sense at all to the casual listener. I'd also like to point out that transmissions from unmanned space trinkets are not normally "on all the time." The usual practice is for an associated ground "command station" to send out a trigger signal at a specified time; this causes the satellite to send out a burst of "stored up" data.

Data transmissions, including from radiosondes, can be encountered most often between 169 and 174, 216 and 220, and 400 to 406 MHz.

There are specialized antennas which are of considerable aid in the monitoring of radiosondes and extraterrestrial objects. Indeed, these transmissions are very low powered and usually cannot be heard at all with standard antennas intended for listening to land mobile and general communications purposes. Those interested in such pursuits should refer to articles and projects which have appeared over the years in various amateur radio magazines. Other handy literature would include the "Satellite Situation Report," a NASA publication which comes out 6 times per year and lists satellite tracking data and also a few of the "unclassified" frequencies of those "birds" which NASA tracks. There is no charge for the publication, but they send it out rather sparingly and only after you've given them reason to believe that you have some actual reason for having a subscription. Some issues contain more than 120 pages! The "Satellite Situation Report" is issued by: Chief, Office of Public Affairs, National Aeronautics & Space Administration, Goddard Space Flight Center, Greenbelt, Md. 20771.

SCRAMBLERS?

In some few instances, voice scramblers have been noted on federal frequencies; however these are infrequent. It is a matter of speculation if any of the "unscramblers" available to scanner owners will be of any value in deciphering any federal transmissions using voice scramblers. In some instances where a modicum of privacy or voice security is desired it is obtained by the very simple expediency of "duplex" operation, that is, two stations communicating with one another on different frequencies. Unless you can zero-in on both frequencies simultaneously, you've heard only half of what was said! A complex but effective scrambler of sorts consists of a gizmo which uses a multitude of frequencies in a jumbled order. Some 10 or 12 frequencies may be used. Split second "bits" of voice are fired out on each of these frequencies in rapidly rotating succession. If you have 10 or 12 receivers going at one time and each is tuned to one of the frequencies in use, then it would all come together and make sense—other than that, it's sheer jibberish; in fact if you were to listen to only one of the freqencies in the system all you would hear would be a $\frac{1}{12}$-of-a-second "blip," which you would not even recognize as a human voice, even when hearing one such "blip" each second!

But, as I mentioned, you do not really encounter scramblers all that often, even on transmissions that you would normally assume would (or should) be scrambled. This is especially curious when you learn that there are many small town local police departments which have purchased voice scramblers and take delight in using them all of the time, even for "lost dog" and "lunch break" messages!

More often than not, "voice security" (hopefully) is achieved by the use of "10-codes" and specialized code words and lingo which each agency develops. These agencies realize that "outsiders" often are monitoring from the sidelines, and their messages do take this into account at least some of the time. One government official was quoted as saying that the U.S. Air Force, for instance, "has several *clear* radio channels used for nonsensitive ccommunication, as well as some *secure* channels for sensitive matters . . . People . . . are cautioned to be careful when using those channels," he said.

A spokesman for the Secret Service (as quoted by the UPI in March, 1979) said the agency cautions agents never to discuss anything sensitive over the radio. He said, "We have known for quite a while that our ground-to-ground or air-to-ground communications can be monitored."

Other agencies are not quite so philosophical, apparently unhappy about the growing audience of scanner owners listening in. An Associated Press story spoke of an official of another agency who "brought on talk of changing frequencies, or switching to sophisticated scrambling machines" when it was learned by the agency that its "secret" operations were easily overheard by persons with scanners!

A relatively brief stint at listening to many agencies offers an array of codes and codewords; most become easily understood after hearing them in use a few times. And, of course, despite any efforts to "talk around" many topics without mentioning key points, persons on-the-job engaged in 2-way communications can only "be careful" to a point lest the person to whom they are talking to find the message so obscure that it becomes meaningless.

One agency a few years ago, anxious to talk in privacy, set up their tactical operations on a frequency allocated (but not used locally) for TV broadcasting, since it was outside the coverage range of all scanners!

Commercially made un-scramblers which are said to be effective in pulling the message through from the most commonly encountered voice scrambling gear are advertised by a company called Don Nobles Electronics, Route 7, Box 610, Hot Springs, Ark. You might contact them if you've run into scrambled communications on a channel you wish to monitor.

EQUIPMENT

The popular scanners available these days should be able to pull in the most active and interesting frequencies in this registry, as these take place in bands adjacent to police/fire transmissions which these scanners were primarily designed to hear.

The standard scanners normally cover at least 30 to 50, and 152 to 174, and the UHF band above 450 MHz, with several models offering coverage far past these most popular ranges. Specialized aero band scanners for 108 to 136 MHz are available, and there are now scanners which include this band in their police/fire type scanners. While it is not particularly feasible to modify the circuits in the programmable scanners to pick up frequencies outside their original design parameters, scanners which are crystal controlled can be rather easily made to pick up frequencies outside of their "design" range, and if those frequencies are not too

far outside of those bands (within 1 MHz) the equipment may require little or no re-peaking for satisfactory local coverage.

Of those scanners currently being offered to the public, the best designed and built ones are from Regency, Electra (Bearcat), Radio Shack (Realistic), and Russell Industries.

Within the selection of programmable scanners, most now cover the VHF high band from a starting point at 144 or 146 MHz, so you can easily receive the federal band which runs from 148 to 150.800 MHz. The J.I.L. SX-100 programmable scanner starts it coverage at 140 MHz, but the unit is poorly designed and also not easy to use (besides having an awkward external power supply, it is full of "birdies," and it cannot be made to search out a limited segment of a band—more about the advantages of that feature in a little while).

When shopping for scanners, antennas, and related accessories, stick with independent or chain electronics specialty stores rather than "department" or other general merchandise stores. Electronics specialty stores are staffed with persons best qualified to discuss your needs and interests and to offer you good advice coupled with a wide selection of equipment, backed up with service facilities should you need those services at a later date.

Unfortunately, there is a lack of commercially made receiving gear which picks up the entire band from 225 to 400 MHz. There is plenty of activity to hear in that range and hopefully manufacturers will someday bring out scanners for all or part of that range of frequencies.

My own monitoring of this band was originally commenced with a piece of military surplus gear called an AN/URR-35C, formerly of the U.S. Navy and as ugly a piece of hardware as you'll ever come across. It lacked good frequency readout but did pull 'em in. If you're starting out you might look for one in the surplus market because it needs no conversion and you should be able to get one with only a small investment.

Eventually I graduated to a surplus Collins R-278 auto-tune receiver covering 220 through 399.9 MHz in 100 kHz steps. A newer version is called the R-278A; both are very versatile and if you can latch onto one it will be worth the backbreaking effort to drag it back to your monitoring installation.

Other monitors have informed me that the surplus Motorola R-1121/TRC-87 receiver and a set called the R-482/URR-35 can be used for the UHF aero band. I don't know if this R-482/URR-35 is a cousin to my old AN/URR-35C, but I would suggest it only as a last resort. Check with military surplus equipment dealers such as Fair Radio Sales, P.O. Box 1105, Lima, Ohio 45802, to see if they've got equipment in stock for the 225 to 400 MHz band.

Most shortwave communications receivers tune from 25 to 30 MHz and will bring in AM, SSB, and CW operations. A regular CB antenna does a good job on this band; in fact, you'll probably hear many CB-type bootleg operations between 26.5000 and 26.960, plus 27.410 to 27.995 MHz, and you will find that these stations are operating on governmental frequencies listed herein. When "skip" is "working" you will undoubtedly hear hundreds of these stations—it's amost impossible to hear anything else at such times! How do you sort these stations out from governmental stations? Kneitel's Law: If they're talking about QSL cards or saying "10-4," you're probably *not* hearing government stations!

As a matter of interest regarding federal frequencies below 30 MHz, The Office of Telecommunications Policy, Executive Office of the President (of the U.S.) stated that of the federal frequencies in the band 27.540 to 28 MHz, the frequenciess 27.575, 27.585, 27.625 and 27.980 were siffuciently important to federal operations that the government "would retain exclusive use of" them, even if the rest of the band were eventually released for non-government use. (Letter from OTP to the FCC 10/15/76.)

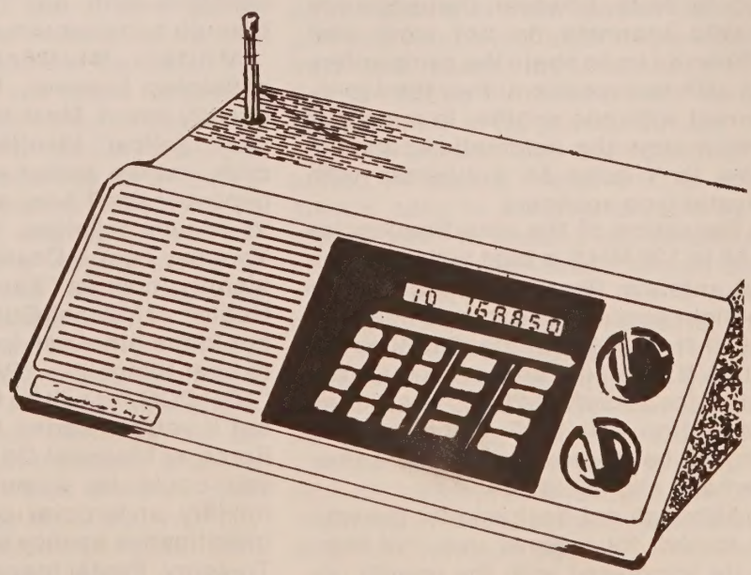
Reception from 25 to 50 MHz can be enhanced by the use of a preselector. This is a receiving booster which is inserted between the receiver and the antenna cable. Good units are produced by Ameco and Palomar.

For other exotic and oddball bands you can go via several routes. Radio Shack recently came up with their PRO-2008 scanner which includes in its UHF coverage the ability to pick up frequencies from 406 MHz and upwards past 420 MHz; that will tune you in on a federal band not previously available in commercial scanners. Unfortunately the PRO-2008 doesn't include a "search" feature, but otherwise it's very good.

Owners of Regency programmable scanners tell me that it is possible to obtain on special factory order (from Regency dealers, even though they might say they never heard of it) most Regency scanners "set up" with so-called "Canadian alignment." This alignment makes the scanner operate on the following frequencies: 30 to 46.4 MHz, 138 to 167.8 MHz, and 406 to 482 MHz, thus zeroing the listener in on some new frequencies to explore. Possibly existing "standard" Regency programmable scanners can be re-aligned for this arrangement, however the units would probably have to be done by the factory as it is a bit too complex for the average person to attempt.

Another approach is by obtaining a converter which would let you listen to some far-removed band on your regular scanner without internal modifications. Several companies appear to offer converters which might be used with a scanner. Contact Hamtronics (65 Moul Rd., Hilton, N.Y. 11468), and/or VHF Engineering (320 Water St., Binghamton, N.Y. 13901); they can let you know what they have available along these lines.

Inasmuch as many readers have asked me about one particular point, it is worth mentioning that there are several schemes being presented which seek to show monitors how to feed complex and complicated sequences of numbers and instructions into their keyboard programmable scanners in the hope that the frequency scanning ranges would be greatly expanded. Some of these ar-



rangements involve trying to get the scanner to tune in on harmonics while other purport to allow the scanner to zero in directly on the fundamental frequencies. I have tried dozens of these gimmicks on a wide variety of scanners and have so far been less than satisfied with the results. While each "program" will cause a scanner to display a dazzling assortment of exotic "frequencies" in its LED readout, actual reception of signals seems either marginal (maybe only very strong local signals, and only on a few frequencies) or totally non-existent. The fact that you can force or trick your scanner into accepting some bizarre programming instructions does not necessarily mean that the RF circuitry in the scanner is capable of going along with the idea—otherwise wouldn't scanner manufacturers enhance the specs of their products by letting their customers know about these extended frequencies? You figure it out!

ANTENNAS

For strictly local reception on frequencies from 30 to 50, and from 150 MHz upwards the short whip antennas which come with most scanners should suffice. Specialized scanner antennas intended for outdoor installations will give far superior results, however, and if mounted reasonably high should bring in the normally weak mobile units which cannot be picked up by most collapsible whips which are "built-in" to scanners. Amongst the many companies producing quality scanner antennas are Avanti, Channel Master, Hustler, Antenna Specialists, Finco, Antenna Incorporated, and Wintenna.

Junction boxes, or *splitters,* should permit operation of several scanners from the same external antenna, or monitoring of VHF and UHF bands from the same antenna on sets which have separate VHF and UHF antenna inputs. Note, however, that programmable scanners do not work well when you try to share the same antenna with two receivers; they tend to interract with one another in a manner which jams the automatic scanning. This isn't quite so noticeable with crystal type scanners.

Reception of the aero frequencies (118 to 136 MHz) is best with an external antenna. Reception distances for in-flight aircraft are about 40 miles for 1,000 ft. flying altitude; 85 miles for 5,000 ft. altitude; and more than 200 miles for aircraft at 25,000 ft. altitude. Reception of UHF aero signals should be approximately the same, perhaps slightly less.

Although not designed (or generally touted) for scanner use, I've been quite impressed with the results obtained with beams and omnidirectional antennas produced for CB and also the 50, 144, 220, and 420 MHz ham bands. Most of the omnidirectional types offer the benefits of "gain," and can really pull in those distant stations. Cushcraft's Ringo Ranger series and the Hustler G-7 series are lightweight omni-directional types which do a fine job and are available for different frequency ranges. Most manufacturers of better grade antennas offer a line of VHF/UHF ham antennas from which to select. I suppose a person who was a super perfectionist could point out that the ham bands are not smackdab in the midst of the primary frequencies to be scanned and that the antennas may have to be recut to make them resonant on the desired frequencies. I have not found that the increase in reception is worth the time/trouble, however! Work fine "as is."

You can also build your own antenna; it's not too difficult to do from plans for ham antennas which abound in ham radio magazines and books.

On simple (yet effective) way of approaching the VHF/UHF antenna situation is by obtaining a ground plane such as the Antenna Specialists MON-3 unit, which is inexpensive, lightweight, and can be cut to peak resonance at any frequency between 110 and 500 MHz. A cutting chart for any and all frequencies within these limits is included with the antenna; and cutting is accomplished in only a few minutes with a hacksaw.

STATION IDENTIFICATION

While not having to go through the formality of obtaining FCC licenses, most federal agencies (civilian type) do actually have callsigns which are of the same types issues by the FCC for non-government operations. Not that government stations use those callsigns with any more regularity than do non-government stations.

Military stations also have callsigns; however, they are infrequently heard. Most military stations use "tactical" identifiers—these are code names and/or numbers which generally don't bear any relationship to known callsigns, living or dead. You may hear a Coast Guard Station identify itself as "Sandy Hook Coast Guard" or "Coast Guard Galveston," but in the other services you're going to hear things like "PAPA LIMA 7" or "TOP DOG." It will be for you to figure out if you're hearing Army, Navy, Air Force, or Marines! On the other hand, you could be listening to a non-military undercover operation by an investigative agency such as the FBI, Treasury, Postal Inspector, Customs, DEA, Immigration, FCC or whatever!

What's even worse, stations using tactical identifiers, unlike CB'ers whose similar "handles" never change, tend to change identifiers on an annoyingly regular basis. Today's "PAPA LIMA 7" could well be the "AVENGER" you hear tomorrow; same station you heard calling itself "ZERO SIX" back last Tuesday!

The Secret Service has its own tactical identifiers for those under its protection, all prescribed in the White House Communications Agency (WHCA) and contained in a highly secret "callbook list" closely guarded by the government. These are the strange "names" which listeners have reported hearing over their scanners which are tuned to that agency's frequencies—each President known under a coded identifier. Deacon = Pres. Carter; Pass Key = Ford; Searchlight = Nixon; Volunteer = Johnson; Lancer = Kennedy. These identifiers are selected from a larger book of possible identifiers prepared by the government. It contains hundreds of words that are easily understood and pronouceable and have no "undesirable" connotations. From this master list, individual identifiers are drawn for all who come under the watch of the Secret Service. When a particular identifier receives too much publicity it is considered "worn out" and replaced by a new one. However the "discarded" name is placed on inactive status and often turns up at a later date—after having been assigned to another person!

Even within agencies which have actual callsigns assigned (and apparently not all do—at least some agencies have never been known to use any), there is some changing around once in a while. Many years ago when all 2-way base/mobiles were still using frequencies below 20 MHz, the Immigration agency's base stations all had callsigns such as WWMN, WWMM, etc. When VHF came into vogue and operations in that band commenced, all of the new stations had callsigns such as KAD276, KAD614, etc. Then somewhere in the early 1960's, some (not all) of these stations started using different callsigns! In detroit, KAD276 suddenly became KAD700; KAD614 turned into KAK780; KAD280 metamorphosed into KAK702, and so on down the line! To make it all the more confusing, some stations remained with their "KAD" callsigns, and a whole slew of all-new stations took to the air (ones not ever assigned a "KAD" callsign) using "KAK" callsigns!

Was this being done for "security" reasons? No way of knowing, but back in the old "WWMN" and

"WWMM" days, the stations all announced their callsigns/locations rather freely—"Mike Nan, New Orleans," "Mike Mike, Miami," and so on!

For the record, the majority of civilian agencies have callsigns which consist of the letter "K" followed by 2 letters and 2 or 3 numerals. Army and USAF base stations begin with the letter "A" followed up with 2 letters and perhaps nothing more, or from 1 to 3 digits. USN and USCG vessels have callsigns consisting of the letter "N" followed by 3 letters. USN shore stations have 3 letter callsigns starting with the letter "N." USCG shore stations start with the letter "N" followed by 2 letters (major installations), or 2 letters and 1 or 2 numerals (lifeboat or light stations).

GETTING A HANDLE ON IT ALL

As you get used to monitoring the federal frequencies you will find that you become a minor but well-informed "intelligence gathering" entity. You begin to see that certain agencies use certain groups of frequencies, you see that certain agencies identify their agents by code numbers while others just use their first or even last names, you will see that agencies which are ostensibly "undercover" in their operations strangely identify their base stations over the air by the name of the communities in which they are located! You will find that some agencies use certain frequencies only for surveillance and others for general operations—yet other special frequencies for "alarms" and all points broadcasts. Some agencies assign coded identifiers to each of their frequencies.

Eventually you find that you can see patterns of operation which become very useful in aiding you to identify just what you are hearing. You might see, for instance, that operations on 165.285 in your area are not isolated, but are connected with operations on, say, 165.375, 166.405, and 166.535 in your area—a fact which might not have been immediately apparent when you first started listening.

You can take advantage of newsworthy events to help you locate and identify new frequencies. Like the friend of mine who gave me a hurried landline call just before he evacuated his family from under the shadow of the ill-fated Three Mile River nuclear power plant. His message to me was, "Before I leave I wanted to tell you that the Nuclear Regulatory Commission is running their operations on 168.200—gotta go now!!!" Well, it is sort of a grizzly example, but you get the idea! Major crimes, forest fires, visits by VIP's, disasters, and other similar events trigger a considerable amount of activity on the bands!

SOME LISTENING TIPS

If you're using a tunable receiver, either for VHF or for frequencies below 30 MHz—tune s-l-o-w-l-y! Look for those really weak stations "down in the mud." Modern communications receivers all have a BFO switch and/or a switch for listening to SSB—put your receiver into that mode as you tune across the bands, or if your set is "parked" on a particular frequency. That mode will cause stations coming on the air to "sound off" with an easily heard heterodyne whistle. You'll hear ones you would have normally overlooked.

If using a scanner, don't be afraid to let it just sit there on an apparently "dead frequency" for long periods of time. I'm talking about several days. There's a "dead frequency" in my listening area which only comes alive once or twice a week, and even then for only a brief period—but when it does it's rather startling to say the very least! A preview of at least 3 or 4 days of news coverage over radio/TV! coverage over radio/TV!

A programmable scanner with a "search" feature is good for discovering new frequencies. Just set it for a segment of the band and let it do its thing for a day or two—concentrating on the one group of frequencies. A common mistake made by many owners of these sets is to set them to the task of searching over too wide a segment of frequencies at one clip. By doing this the scanner might not get a chance to inspect any particular frequency more than once in a 3 or 4 minute period. This is no good—any action on the frequency could well have come and gone during that time! Don't try to search out a band segment more than 500 kHz wide at any one time—and if your scanner offers you the option of fast or slow scanning—use the fast mode. You want to "hit" each frequency as often as possible! And if you find a frequency that becomes active, shut down the scanning feature of the set for a while and sit on the frequency for at least 5 or 10 minutes—the first transmission you heard might well have been only the appetizer to a lengthy series of transmissions you won't want to miss—not one single word!

Although it may creep up on you rather insidiously, your scanner's ability to pull in those weak mobiles and distant base stations may be considerably diminished after a period of time—it sort of slowly goes deaf and it's so gradual that you may not really notice it until you straighten out the problem and restore its vigor. It isn't really the fault of the scanner itself, more than likely it will be the fault of your coaxial cable. This stuff has a bit of an aging problem—and, unlike a bottle of Chateau Lafite-Rothschild 1806, it doesn't improve with age; in fact, after a while out there in the ice/sun/rain it definitely goes downhill. Every year the black outer covering should be visually inspected to make sure it has no cuts or holes—if it does, replace it! But even if it looks good, replace it anyway after 3 or 4 years. It's not that expensive and after 4 years it deserves to be sent to its reward—and you'll notice the difference!

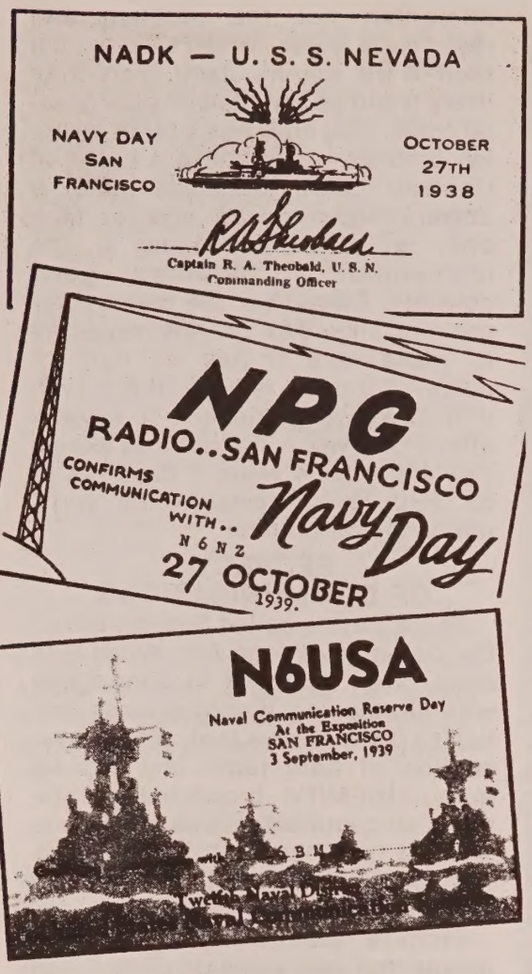
SECRECY OF COMMUNICATIONS

There's a law called Section 605 of the Communications Act. While it is most often heard of in connection with wiretapping, it relates very direction to radio. It says that, with the exception of ham radio and signals from AM/FM/TV broadcasting stations, all communications are private—or, in fact, "secret." That, according to the law, even includes CB radio.

From a practical standpoint, it means that you, a private citizen, can listen to all you want and to anything you can pick up on your scanner. But you aren't allowed to reveal to any other person or organization the contents of the transmissions you might hear from stations covered under Section 605. Actually the law goes so far as to say that you can't even say that a specific transmission even took place. You are not permitted to use any information you hear in one of these transmissions for personal benefit either. Since this law affects just about everything you will hear coming over stations operating on frequencies shown in this registry, you might wish to obtain a copy of the Communications Act of 1934, as ammended, and read Section 605 to give you complete insight into what it says and means; my description of Section 605 is intended merely as a brief capsule of its general intent.

While Section 605 can be interpreted in several ways, and is not always easy to enforce (should someone wish to enforce it), certainly all monitoring enthusiasts should be aware that it exists, and that it can and has been enforced relative to scanner use! Not long ago a UPI story appeared in many newspapers which told the sad plight of a scanner operator who ran afoul of Section 605.

According to the UPI story, the 26 year old resident of Shakopee, Minn., "listened in on broadcasts of federal drug and treasure agents . . . as the



Some early QSL cards once copiously sent out by U.S. government stations.

agents were watching drug and stolen-goods suspects. He then contacted the suspects and told them they were being watched . . . " The news story went on to say that federal prosecutors took him to court where he was "sentenced to 3 months in prison and ordered to live the next 33 months without owning any . . . equipment."

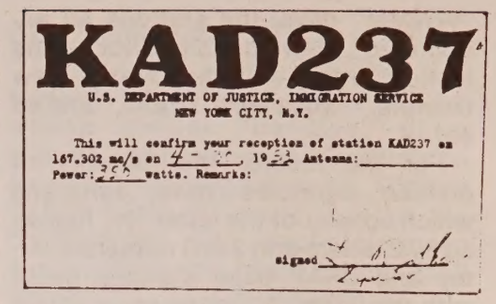
In addition to the Section 605 law, in some areas there are state or local laws which restrict the installation of scanners in motor vehicles unless a special authorization has been obtained (upon proof that there is a necessity for such an installation). Some of these laws are so poorly written that they do not take into account the possibilities of persons using hand-held scanners in motor vehicles. On the other hand, some are so "tightly" written that, if given the strictest interpretation possible, they would seemingly ban CB and mobile telephones from vehicles! So before you install a scanner in a vehicle you would best see if any restrictive laws apply in your area or in any areas in which you might be motoring. So far as I am able to ascertain, there do not seem to be any similar restrictive laws relating to ship or aircraft installations, but you might wish to check this out in case you are planning something along those lines.

TO QSL OR NOT TO QSL

It is perhaps ironic to follow up the foregoing section with a discussion about getting QSL's (reception verifications) from any of these stations! But, despite ads from a communications equipment manufacturer which portray the nation's scanner owners as the "gangster element," the world of scanner buffs is mostly comprised of casual listeners and serious hobbyists. One must take into account that scanners are freely and openly offered to the public, there is nothing "illegal" or sinister about them or those who use them (as a group). Millions of scanners are not in the hands of the general public.

Those persons who staff many of the governmental (and commercial) communications stations generally recognize this and sometimes welcome (or perhaps tolerate) a reception report and a request for a confirmation. Not all agencies—mind you—but some of them; there are those which become extremely annoyed at someone having the audacity to not only listen to their private communications but to also ask for a confirmation! This is at least partly true because some of those who staff a few of the federal stations react with a certain amount of surprise when they find out that scanners cover their "secret" frequencies and that the public knows which bands are exclusively used by federal stations. Information on the reserved bands (although not the exact frequencies) is a matter of public record. tions. Learning that a "private citizen" not only could and did monitor such frequencies, then managed to identify the agency, and the specific office of that agency, undoubtedly comes as a surprise. That being the case, those agencies which are concerned with surveillance, security, undercover, or enforcement/detection work would be at the bottom of the list of those who would be pleased with receiving a reception report and QSL request!

Back in my intrepid teenage days, when I was writing letters asking for agencies to send me frequency lists, I also sent off my share of reception reports and QSL requests. My files still contain a letter dated April 20, 1950, signed by the FBI's J. Edgar Hoover (by that time he had surely gotten weary of hearing from me). He said, "Reference is made to your letter . . . requesting confirmation of certain radio signals heard by you. In reply thereto, please be advised that as a matter of policy this Bureau can not undertake to confirm reports of radio station activity. Accordingly, your post card is being returned herewith. Trusting that you will appreciate


KAD237

U.S. DEPARTMENT OF JUSTICE, IMMIGRATION SERVICE
NEW YORK CITY, N.Y.

This will confirm your reception of station KAD237 on 167.302 mc/s on 4-[illegible] 19[illegible] Antenna:[illegible]
Power: 250 watts. Remarks:

signed [illegible]

One of the real rarities, a QSL card received from an Immigration station back in 1953. This was a prepared card which I made up and they signed and returned.

the need for such a policy . . . " Well, it was worth a try, anyway!

During the 1950's, however, I was able to get rare QSL's from the Immigration agency station in new York, and the Border Patrol station in New Orleans—but it wasn't easy.

Subsequent efforts for QSL's from those agencies were without success. But "nonsensitive" agencies, and even the armed forces (except perhaps during times of military hostilities) do seem to have been rather pleasant about QSL'ing reception reports. My QSL files bulge with CW/SSB/AM/VHF/UHF verifications from sea, air, and land military units along with QSL's from the Dept. of Agriculture, National Bureau of Standards, Army Engineers, and many others. And these include many stations using "tactical code identifiers" instead of callsigns. But this is no claim to having a monopoly on federal QSL's —many listeners have extensive collections of QSL's from federal stations.

A source of some interesting literature and other items (including equipment) for the serious listening enthusiast is:

Gilfer Associates,
P.O. Box 239
Park Ridge, NJ 07656

Gilfer's catalog is a must for listeners!

Another "must" publication—at least one of use to federal frequency fans—is "United States Government Manual." This large book, which is revised every 2 years, contains much information on the functions and organizational structure of each and every federal agency and bureau, including the addresses of many of the offices of the agencies, plus the names of agency officials. The book is availabale from The Supt. of Documents, U.S. Printing Office, Washington, D.C. 20402. More info on the current price and the exact contents of the book is available from Office of the Federal Register, National Archives & Records Service, Washington, D.C. 20408.

If you are hoping to send reception reports, here are some thoughts. First

let me say that back in the 1930's there was a tendency for even many federal stations to have printed QSL cards to send out to the public. For the most part, these days you can forget about such luxuries although the National Bureau of Standards station, WWV, does have QSL's, as do some of the MARS stations—especially in connection with their activities on Armed Forces Day. Mostly, these days if you hope to get a QSL, you'll have to enclose a prepared reply card (stamped) with your reception report so, just in case the station is inclined to look with favor upon your QSL request, they need but sign your card and drop it in a mail box.

A typical wording for your return card might be: "This will confirm your reception of station KLW571, of the National Communications Foundation, on 166.666 MHz, on December 32, 1999." If you leave space at the bottom of the card (above the spot you have set aside for a signature) you may be surprised to find that they have added all sorts of interesting extra information such as transmitter power, hours of operation, antenna type, other frequencies, etc.

In your reception report that you send to the station, mention that you're a VHF hobbyist, describe your station, tell of some of the other QSL's you've received from similar stations. If you have a registered monitoring station identification number, such as the one I use—KNY2AB, it may well give you that extra "edge" since these numbers since many persons involved in VHF communications are familiar with these numbers and that they indicate a "serious and active use of professional commmunications monitoring equipment, and a contributor to the art and science of this vital and important aspect of communications." In fact, these numbers are also good to mention when writing to scanner manufacturers, communications publications, etc.

In your report, mention that you received signals from the station in question; give the exact/approximate frequency, date/time, and the signal characteristics (including any interference problems). As for the contents of the transmission, best bet is

A few federal stations still have their own QSL cards, but they are few and far between.

to be rather non-specific along the lines of, "Base station in communication with Car 6," or something like that—in preference to the exact details of the contents of the message.

Naturally, keep a log book of the stations you monitor, including a separate listing of all "mystery" frequencies you happen to stumble upon. This way you can easily recheck these frequencies in the future without having to go through the annoying routine of, "was that station on 165.285 or 168.525?" When you think you've got a line on the station, move it from the "mysteries" list into a card file of frequencies which have been identified, or think you've identified.

Of course, since pretty much everything really interesting you'll be hearing on these frequencies is "unlisted," much of your file will consist of tentative date (subject to change) and "hunches," just as is a great deal of the information in this Registry. Few indeed are the frequencies which can be "labelled" with 100% certainty by the listener, even after years of experience.

As a typical example of this, I once zeroed in on a station located on a frequency outside of the reserved federal government bands—except it was obviously connected with things taking place at a certain government installation—this deduction based upon the names/addresses which were being tossed around. "Aha!" I said so myself, "they're being sneaky and have set up their operations on an innocent looking non-fed frequency!" I spread the word on my new discovery to a few fellow enthusiasts and was unhappily surprised when I was later informed that I was listening to a pizza parlor making deliveries to the federal installation. So I ask that you take all of the listings herein, and all of your own "discoveries" with this story tucked into the back of your memory—that I am not offering any guarantees regarding the accuracy of these listings, merely my own "edcucated" guesses and opinions.

Hopefully, you will share with me *your* own educated guesses and opinions by dropping me a letter or card with information on what you are hearing. With enough input we can continue to expand and sharpen the accuracy of this Registry. Please send all of your additions, corrections, changes to me in care of the publisher of this Registry, give me as much data as you can regarding frequency (approximate or exact), possible or probable operating agency, callsigns or other identifiers noted. If a reply is requested, please enclose a self-addressed stamped return envelope. Thanks!

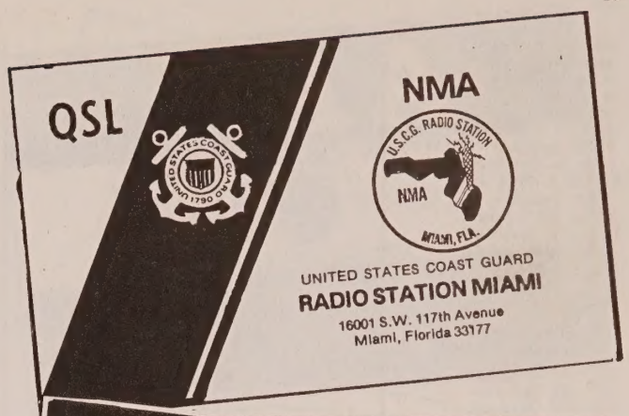
ABOUT THE AUTHOR: Tom Kneitel has been a prolific and influential author in the communications field for more than 20 years, with feature articles appearing in many periodicals, including Popular Electronics, Electronics Illustrated, Elementary Electronics, CQ, Space Age, TV Guide, and Science & Mechanics, to name but a few; he also wrote a major portion of the communications information in the new edition of The Encyclopedia Americana, as well as being the author of a number of technical books and manuals. Tom is the Editorial Director of S9/Hobby Radio magazine, and is active in radio astronomy and on the ham bands as K2AES (ex-KS4CH/W5KDR/K3FLL), and he's also licensed as KM-4973 in the VHF aeronautical service. In Tom's background are a long string of writer's credits for U.S. Army Signal Corps training films. He is an ardent monitoring enthusiast and maintains an extensive all-frequency monitoring station. Tom is listed in Who's Who In America.

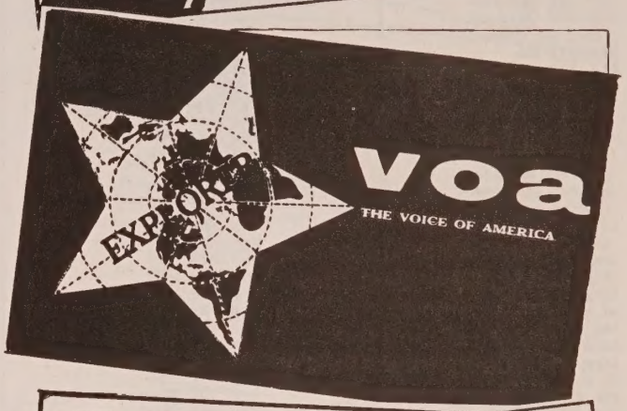
SERVICE CODES USED IN THIS SECTION

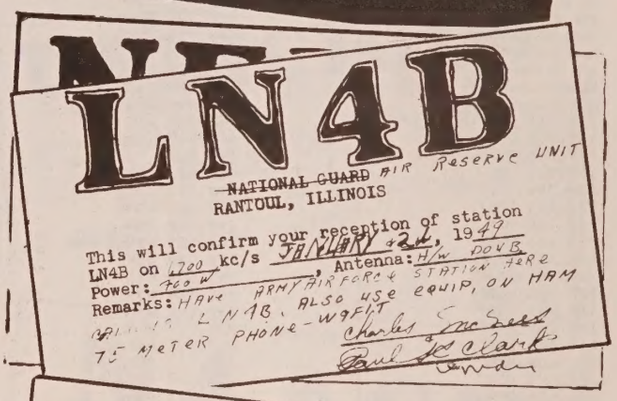
AGRI DEPT OF AGRICULTURE
ARMY U S ARMY
ARMYM U S ARMY - MIL AFFILIATE RADIO SYSTEM (MARS)
ARR ALASKAN RAILROAD
ATF TREASURY DEPT BUREAU OF ALCOHOL TOBACCO & FIREARMS
BIA BUREAU OF INDIAN AFFAIRS
BLM BUREAU OF LAND MANAGEMENT
BVP BONNEVILLE POWER ADMINISTRATION
CAP CIVIL AIR PATROL - USAF AUXILIARY
CG U S COAST GUARD
CGR U S COAST GUARD RESERVE
CIA CENTRAL INTELLIGENCE AGENCY
COMM DEPT OF COMMERCE
CUST U S CUSTOMS SERVICE
DEA DRUG ENFORCEMENT ADMINISTRATION
DJ DEPT OF JUSTICE
DOT DEPT OF TRANSPORTATION
EBMS EXECUTIVE BRANCH MESSENGERS
EPA INDICATES FREQ USED FOR TRANSMISSION OF ENVIRONMENTAL DATA WHETHER SUCH TRANSMISSIONS ARE MADE BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AGENCIES USING THE FREQUENCY FOR ENVIRONMENTAL PURPOSES INCLUDING AIR POLLUTION, EARTHQUAKE WARNING, FLOOD PROTECTION, NATURAL RESCOURCES, ETC.
EPA-OIL FREQ USED FOR CLEANUP OF OIL SPILLS-- MAY INCLUDE OPERATIONS OF VARIOUS FEDERAL AGENCIES, THE COAST GUARD, AND PRIVATE COMPANIES.
FAA FEDERAL AVIATION ADMINISTRATION
FBI FEDERAL BUREAU OF INVESTIGATION
FCC FEDERAL COMMUNICATIONS COMMISSION
FOR FORESTRY SERVICE OF DEPT OF AGRICULTURE
FSS FLIGHT SERVICE STATIONS OF THE FAA
FWS FISH AND WILDLIFE SERVICE
GCA AIRCRAFT GROUND CONTROLLED APPROACH OPERATIONS
GS U S GEOLOGICAL SURVEY
GSA GENERAL SERVICES ADMINISTRATION
HEW HEALTH EDUCATION & WELFARE
HUD HOUSING & URBAN DEVELOPMENT
IBP IMMIGRATION & NATURALIZATION SERVICE INCLUDING BORDER PATROL
INT DEPT OF THE INTERIOR
MIL FREQ USED BY 1 OR MORE MILITARY SERVICES
MIL-E MILITARY EMERGENCY USE
MINES BUREAU OF MINES
MP'S MILITARY POLICE
MRSHL U S MARSHAL
NASA OPERATIONS CONCERNED WITH THE AEROSPACE PROGRAM, PRIMARILY BY NASA ITSELF BUT MAY ALSO INCLUDE RELEVANT COMMUNICATIONS BY OTHER AGENCIES.
NBS NATIONAL BUREAU OF STANDARDS
NCP NATIONAL CAPITOL POLICE
NOAA FREQ USED FOR TRANSMISSION OF WEATHER RELATED DATA
NPS NATIONAL PARK SERVICE
NRC NUCLEAR REGULATORY COMMISSION
NRG DEPT OF ENERGY
PHS PUBLIC HEALTH SERVICE
PO U S POSTAL SERVICE
PRIS BUREAU OF PRISONS
PROTEC U S PROTECTION SERVICE
RC RED CROSS
REC BUREAU OF RECLAMATION
SAC USAF STRATEGIC AIR COMMAND
SECSERV SECRET SERVICE
STATE DEPT OF STATE
TAC USAF TACTICAL AIR COMMAND
TREAS TREASURY DEPARTMENT
TVA TENNESSEE VALLEY AUTHORITY
UN UNITED NATIONS
USAE U S ARMY ENGINEERS
USAF U S AIR FORCE
USAFM U S AIR FORCE MARS
USMC U S MARINE CORPS
USN U S NAVY
USNM U S NAVY MARS
VA VETERANS' ADMINISTRATION
WHS WHITE HOUSE STAFF - IN DC & ALSO TRAVELS WITH PRESIDENT
WT'S HAND HELD TRANSCEIVERS

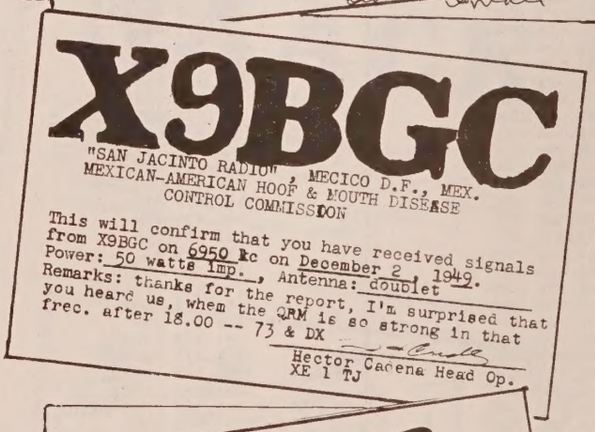
25.000 NBS
25.013 USN
25.020 ARMY
25.035 ARMY
25.040 EPA-OIL
25.069 USN
25.080 CG EPA-OIL
25.085 USN *Ships*
25.090 USN *Ships*
25.095 USN *Ships*
25.100 USN *Ships*
25.105 USN *Ships*
25.110 USN *Ships*
25.113 USN
25.130 USAF
25.161 USAF
25.198 USAF
25.230 MIL
25.240 ARMY
25.245 USAF
25.333 USAF
25.335 USMC
25.340 USAF
25.350 MIL
25.360 USN
25.368 MIL
25.380 CG
25.390 ARMY
25.400 MIL
25.410 USN
25.415 CG
25.412 USN
25.425 ARMY
25.430 NRG
25.440 USN
25.450 ARMY
25.470 USN USAF
25.480 USN
25.515 USN USAF
25.550 ARMY
25.525 USAF
25.535 ARMY
25.550 ARMY
25.575 USN
25.590 USN
25.597 USAF
25.845 USMC
26.110 USN
26.310 USN
26.356 USAF
26.389 USAF
26.485 USN
26.490 USN
26.500 MIL
26.510 ARMY
26.515 USAF
26.535 USN *Pacif*
26.540 USN
26.550 MIL
26.560 USN
26.575 ARMY
26.580 USN
26.590 USAF
26.610 USN USMC
26.615 USN
26.620 CAP
26.625 USAF
26.630 ARMY
26.650 USN *Pacif*
ARMY
26.665 USN
26.675 USN
26.684 USAF
26.700 ARMY
26.710 USAF
26.725 USMC
26.750 USN USAF
26.775 USMC
26.800 MIL IBP
26.825 USN
26.835 USN
26.850 USN ARMY
26.875 USN
26.880 USN *Pacif*
IBP
26.900 MIL
26.925 USN ARMY
26.930 USN USMC
26.945 FAA
27.065 CG DOT
MIL NPS *& others*
27.545 USN
27.550 USN ARMY
27.565 USN COM
NRG ARMY
27.575 *This is a "catch all" low power (4 w) freq used by many fed agencies including* FCC REC MINES GS
IBW NRG MIL DOT CG
FAA *& others*
27.585 *Similar to 27.575*
27.590 CG *Pacif*
27.595 USN
27.600 USN ARMY
27.615 USN
27.625 FAA
27.630 NASA
27.650 USN ARMY
27.655 USN
27.675 ARMY
27.700 USN ARMY
27.715 USN
27.725 ARMY NASA
27.745 USN
27.750 USN ARMY
27.775 ARMY
27.785 CG
27.794 ARMY
27.800 USN ARMY
27.825 ARMY
27.850 USN ARMY
27.870 USAF
27.875 ARMY
27.900 USN ARMY
27.925 USN ARMY
27.950 USN ARMY
27.964 USN
27.975 ARMY
27.980 CGR *4 watt*
27.995 ARMY
29.895 USN
29.900 MIL
29.905 MIL
30.010 NASA
30.020 NOAA
30.030 GS
30.050 USN
30.060 COMM INT
30.070 COMM INT
30.090 ARMY
30.100 ARMY
30.110 ARMY
30.130 USN
30.150 USN
30.170 COMM INT
30.180 COMM INT
30.190 COMM INT
30.200 COMM USN
30.210 COMM INT
30.220 COMM INT
30.230 COMM INT
30.240 COMM INT
30.250 COMM USN
30.260 NPS
30.270 INT
30.290 MIL
30.300 ARMY
30.310 ARMY
30.330 CG
30.340 NOAA
30.350 USN
30.360 CGR
30.380 CGR *Boats*
30.400 USN *Pacif*
30.410 CG
30.420
30.430 CG
30.450 MIL
30.460
30.470 USN
30.490 ARMY
30.500 ARMY
30.510 MIL
30.540 USN
30.550 USN *Aero*
30.560 USN
31.000 ARMY *Wire Integration Net (West Germany)*
31.960 ARMY
32.000 USN
32.020 MINES
32.050 USN
32.060 USN
32.080 USAF
32.090 ARMY
32.100 ARMY USAF
32.110 ARMY
32.130 CG
32.150 USN
32.190 INT
32.200 USN
32.210 CG
32.250 USN
32.270 MIL
32.290 ARMY
32.300 ARMY
32.310 ARMY
32.330 USAF
32.350 MIL
32.370 USAF
32.380 USN
32.390 FOR
32.400 MIL
32.410 ARMY
32.420 MIL
32.430 USAF
32.450 MIL
32.460 MIL
32.470 USN
32.490 ARMY
32.500 ARMY
32.510 ARMY
32.530 FOR
32.540 ARMY
32.550 FOR
32.570 FOR
32.590 FOR
32.600 USN
32.610 USMC FOR
32.620 USN
32.630 FOR
32.650 MIL
32.660 MIL
32.680
32.690 ARMY
32.700 ARMY
32.730 NPS
32.750 FOR DJ
32.770 FOR
32.790 FOR
32.800 USMC
32.810 FOR
32.820 FOR
32.830 FOR
32.850 MIL
32.860 ARMY
32.870
32.880
32.890 ARMY
32.900 MIL
32.910 MIL
32.930 ARMY
32.940 ARMY
32.950 INT
34.000 USN
34.010 CG
34.020 NOAA
34.030 NRG
34.050 CG
34.090 ARMY
34.100 MIL
34.110 MIL
34.140 NRG
34.150 MIL
34.170 USAF
34.180 USN
34.190 USAF
34.200 MIL
34.210 USAF
34.230 FOR
34.250 MIL
34.260
34.270 FOR
34.290 ARMY
34.300 ARMY
34.310 ARMY
34.330 MIL
34.340 USN
34.350 USN
34.370 FOR
34.490 ARMY
34.500 MIL
34.510 ARMY
34.530 USN
34.540 USN
34.550 MIL
34.570 USAF
34.580 USN
34.590 USAF
34.600 MIL
34.610 USAF
34.620 USN
34.630 FOR
34.650 USMC
34.670 FOR
34.680 USN
34.690 ARMY
34.700 MIL
34.710 ARMY
34.730 USN
34.740 ARMY
34.750 MIL
34.770 INT
34.780 REC NPS
34.790 NPS
34.800 USN
34.810 FWS
34.820 FWS
34.830 FWS *Primary*
34.850 ARMY
34.860 MINES
34.870 MINES
34.890 USN
34.900 ARMY
34.910 ARMY
34.940 USN
34.910 ARMY
34.940 USN
34.950 USN
34.970 ARMY
34.980 COMM
36.010 INT
36.020 NPS
36.030 INT
36.070 DJ *All areas*
36.090 ARMY
36.100 ARMY
36.110 ARMY
36.130 ARMY
36.140 USN
36.150 USN
36.170 MINES
36.180 BIA
36.190 INT GS
36.200 MIL
36.220 GS
36.230 INT
36.250 EPA-OIL
36.270 CG
36.290 ARMY
36.300 ARMY
36.310 ARMY
36.330 NRG
36.340 NRG
36.350 HEW MIL CG
36.370 FOR
36.390 NRG
36.400 USN
36.410 FOR
36.430 AGRI
36.450 USAF FOR
36.460 ARMY
36.470 FOR
36.490 ARMY
36.500 MIL
36.510 ARMY
36.530 USN
36.540 USN
36.550 USN USMC
36.570 USN
36.580 USN *Pacif*
36.600 MIL
36.610 FOR
36.620 USN
36.630 USN

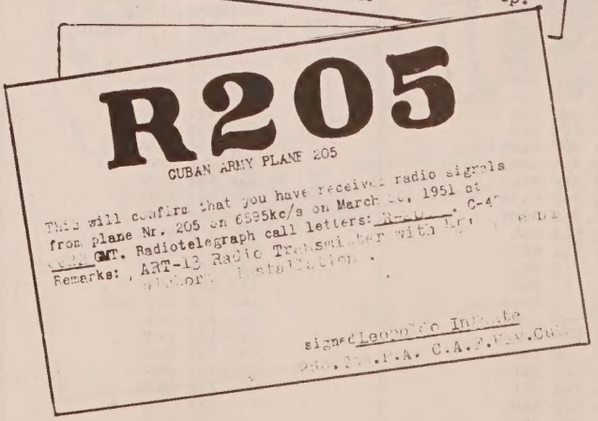
36.640
36.650 AGRI
36.670 FOR
36.690 ARMY
36.700 ARMY
36.710 ARMY
36.730 FOR
36.740
36.750 FOR
USN *Pacific*
36.770 FOR ARMY
36.780
36.790 ARMY
36.800 USAF
36.810 USAF
36.820 USN
36.830 USAF
36.850 MIL
36.860 ARMY
36.870 USN
36.890 ARMY
36.900 ARMY
36.910 ARMY
36.930 FOR
36.940 ARMY
36.950 MIL
36.970 FOR
36.990 FOR
38.000 USN
38.050 USN
38.060 ARMY
38.080 *Monitored at Ft. Davis Tex for Radio Astronomy*
38.100 MIL
38.150 USN
38.160
38.180
38.190
38.200 USN
38.220 COMM
38.250 USN
38.260 GS
38.270 CG
38.300 MIL
38.310 USN
38.330 PO
38.340 USN
38.350 MIL
38.370 FOR
38.390 FOR
38.400 USN *Pacif*
38.410 FOR
38.410 FOR
38.420 USN
38.430 FOR
38.450 ARMY
38.460 USN
38.490 ARMY
38.500 MIL
38.530 ARMY
38.540 AGRI
38.550 USN AGRI
38.570 FOR
38.580 FOR
38.590 FOR
38.600 USMC
38.650 MIL
38.670 FAA
38.690 ARMY
38.700 ARMY
38.710 ARMY
38.730 FOR
38.740 EPA
38.750 MIL AGRI
38.770 USN
38.780 AGRI
38.790 FOR
38.800 ARMY
38.810 AGRI
38.820
38.830 ARMY
38.850 MIL
38.860 ARMY FOR
38.890 USAE
38.900 MIL
38.910 USAE
38.910 USAE
38.930 USN
38.940 USN
38.950 MIL
38.980 ARMY TVA FBI-*Used on Indian Reservations in Nebraska & the Dakotas.*
38.990 TVA
39.010 NASA
40.000 NASA MIL
40.010 NASA BIA
40.016 NASA
40.116 NASA
40.020 BIA
40.030 BIA
40.050 ARMY FOR
40.060 ARMY
40.070 NPS *Trnsptn*
40.090 ARMY
40.100 ARMY
40.110 ARMY
40.130 USAF
40.150 MIL
40.170 USAF
40.190 USAF
40.200 USN
40.210 NPS *Trnsptn*
40.220 FBI
40.230
40.250 USN
40.260 ARMY DOT
40.300 USN
40.310 BIA
40.330 BIA
40.350 GSA
40.370 INT CG
40.390 GC FWS
40.400 USN *Pacif*
40.450 VA
40.470 NRG
40.490 ARMY
40.500 MIL
40.510 ARMY
40.530 USMC
40.540 MIL
40.550 USN
40.570 TVA INT
40.590 MINES
40.600 MIL *Pacif*
40.620 TVA
40.630 CG
40.650 GS USAF
40.680 *Scientific & Medical experiment freq.*
40.700 USN *Pacif*
40.710 EPA-OIL
40.730 FWS
40.740 TVA
40.750 TVA
USN *Pacific*
40.860 *Monitors have reported a KGB793 in Wash DC, agency unknown*
40.870 NASA INT
40.890 ARMY
40.900 MIL
40.910 MIL
40.920
40.930 ARMY
40.940 ARMY
40.950 ARMY
40.970 CG INT
40.980 ARMY
41.000 USN *Pacif*
41.010 NASA INT
41.016 NASA
41.020 ARMY REC
41.030 INT NRG
41.050 USN
41.060 FCC *Although much FCC traffic now on 167.050, some mobile units running 100 watts are still heard here from time to time.*
41.090 USN
41.100 MIL
41.110 USN
41.130 NPS MINES
41.140 NPS
41.150 USN INT
41.200 ARMY *Pacif*
41.210 USCG
41.220 USCG
41.230 USCG
41.250 ARMY
41.270 INT
41.300 USN *Pacif*
41.310 NRG
41.330 CG
41.350 USN INT
41.370 REC CG
41.390 CG
41.400 ARMY *Pacif*
41.410 CG
41.430 CG
41.450 USAF
41.470 CG
41.490 ARMY
41.500 ARMY
41.510 ARMY
41.530 AGRI CG
41.550 INT
USN *Pacific*
41.590 FAA
41.600 ARMY
USN *Pacific*
41.610 ARMY
41.630 INT EPA
41.650 MIL
41.670 NRG
41.690 CG FAA
41.700 USN *Pacif*
41.710 EPA-OIL
41.730 CG
41.750 CG
41.770 NPS
41.780 CG
41.790 HEW
41.800 USN *Pacif*
41.820
41.830 CG
41.850 USN *Pacif*
41.900 MIL
41.910 USN
41.930 USN
41.940 USN
41.970 DJ *Mass*
46.600 USN
46.610 NRG
46.620
46.630 INT
46.640 USN
46.650 MIL
46.660
46.670 USN
46.680
46.690 ARMY
46.700 ARMY
46.710 ARMY
46.730 NASA
46.740
46.750 USAF
46.760 USN
46.770 FOR
46.800 ARMY
46.810 INT
46.820
46.850 MIL
46.870 ARMY
46.880 USN
46.890 ARMY
46.900 USN
46.910 ARMY
46.930 ARMY
46.950 MIL
46.960
46.970 FOR
46.990 FOR
47.420 RC
49.610 INT
49.620 NASA
49.630 MIL
49.650 MIL
49.660 USN
49.670 FOR
49.700 ARMY
49.710 ARMY
49.730 NASA INT
49.750 MIL INT
49.760 ARMYM
49.770 INT
49.790 ARMY
49.800 MIL NASA PO
49.810 ARMY
49.820
49.830 NASA
49.850 MIL
49.860 ARMY
49.870 NRG
49.900 MIL
49.910 INT
49.920 COMM
49.930 ARMY
49.940 ARMYM
49.950 MIL
49.970 AGRI
49.980 USAFM
54.000 NASA
54.020 USN *Pacif*
54.140 USN *Pacif*
73.800 *Monitored for Radio Astronomy at:*
Arecibo PR
Ft. Davis TX
Danville IL
Gainesville FL
Houghton MI
74.200 *Monitored for Radio Astronomy at:*
Arecibo PR
(See elsewhere in this publication for detailed listings of specific military aero stations operating on all freqs. in VHF aero band)
117.975 GS
118.950 FOR
119.975 FOR
120.425 FBI
121.500 MIL-E
121.700 FBI
New York NY
Washington DC
Wilmington DE
121.800 FBI
Miami FL
121.963 GS
122.850 FOR NASA
122.900 CAP FOR MINES INT *and others. Freq for ground/air coordination of aero activities including searches, rescues, fire fighting, etc.*
122.925 FOR INT NRG *Interagency coordination freq for forestry man-*









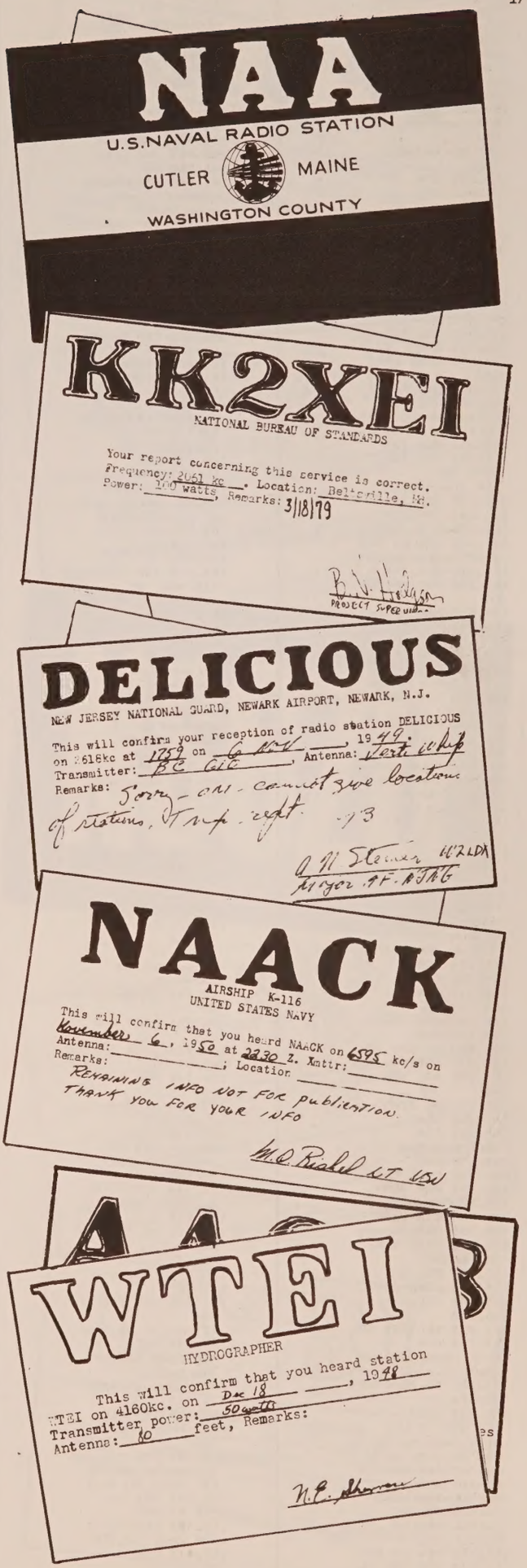


agement & fire suppression, fish & game management & protection & environmental monitoring & protect. State agencies also op this freq.
123.050 NOAA & other agencies using helicopters.
123.075 Agencies using helicopters
123.088 GS
123.100 CAP MIL Search/Rescue ops
123.175 NASA
123.588 TVA GS
126.200 MIL
127.125 FCC
127.400 BLM Fire
130.650 USAF Military Air Command
131.075 GS
132.013 GS TVA
134.100 MIL
134.300 FBI Pt. Mugu NAS CA San Francisco CA
135.850 Used by aircraft checking airport instrument landing systems.
135.950 Same as 135.850 (FAA)
(See elsewhere in this publication for detailed info on activities in the 136 to 138 MHz Satellite band.)
(See elsewhere in this publication for detailed listings of specific uses of freqs in 138 to 150 MHz band at military air installations)
138.000 MIL
138.025 USAF
138.045 USAF
138.050 ARMY
138.060 USAF
138.075 USAF
138.120 MIL
138.125 USAF
138.150 USMC USAF
138.165 USAF
138.200 USAF
138.240 USAF
138.250 USAF
138.300 USAF
138.330 MIL
138.400 USAF
138.420 USN
138.475 USAF
138.500 USAF
138.510 MIL
138.525 USN
138.540 USN
138.550 USN
138.575 USN
138.600 USN
138.630 MIL
138.650 USN
138.660 USN
138.675 USN
138.690 USMC
138.700 USN
138.720 USMC
138.750 USN
138.775 USN
138.780 MIL
138.800 USN
138.840 USN
138.875 USAF
138.895 USMC
138.900 USAF
138.925 USAF
138.940 USN
138.950 USN
138.960 USN
138.975 USN
139.000 ARMY
139.025 ARMY
139.050 MIL
139.056 NASA
139.065 ARMY
139.080 USN
139.095 ARMY
139.110 MIL
139.125 ARMY
139.140 USAF
139.150 ARMY
139.200 ARMY
139.250 ARMY
139.275 ARMY
139.290 MIL
139.300 ARMY
139.305 ARMY
139.325 ARMY
139.375 ARMY
139.380 ARMY
139.400 ARMY
139.475 USMC
139.480 USN
139.500 USMC
139.525 USN USMC
139.545 USN
139.560 USN
139.575 USMC
139.600 USAF
139.680 USAF
139.700 USAF
139.750 MIL
139.770 NRG
139.825 USAF
139.850 USAF
139.900 USAF
139.950 MIL
140.000 MIL
140.025 USN
140.035 USMC
140.040 USN
140.050 USMC
140.055 USN
140.056 NASA
140.075 USN USMC
140.100 USN USMC
140.125 USN
140.130 USN
140.150 USN
140.175 USN
140.160 USN
140.180 USN
140.200 USN
140.223 USN
140.225 USN
140.250 USN
140.275 USN
140.280 USN
140.300 USN
140.310 USN
140.325 USN
140.340 USN
140.350 USN
140.355 USMC
140.375 USN
140.400 USAF
140.450 USN
140.445 USMC
140.450 USN
140.460 USN
140.490
140.500 USN
140.520 USN
140.525 USMC
140.550 USN
140.575 USN Securty
140.580 USN
140.600 MIL
140.625 USN
140.640 USN
140.650 USN
140.670 MIL
140.675 USN
140.700 USN Fire
140.710 USMC
140.715 USMC
140.725 USN
140.750 USN
140.760 USN
140.775 USN
140.820 USN Securty
140.825
140.850 USN
140.875 USN
140.880 USN
140.895 USN
140.900 USN
140.910 MIL
140.925 USMC
140.940 USN
140.950 USN
140.975 USN
141.000 USN
141.025 ARMY
141.030 ARMY
141.045 ARMY
141.055 NASA
141.075 ARMY
141.060 ARMY
141.075 ARMY
141.120 ARMY
141.125 ARMY
141.225 ARMY
141.240 ARMY
141.250 ARMY
141.300 ARMY
141.345 ARMY
141.360 ARMY
141.375 ARMY
141.420 NRG
141.450 ARMY
141.480 ARMY
141.550 USN USAF
141.575 USN
141.600 USAF
141.700 USAF
141.725 USAF
141.750 USAF
141.800 USAF
141.850 USAF
141.900 USAF
141.950 USN
141.960 USN
141.975 USN
142.000 USN
142.020 USN
142.035
142.050 USN
142.075 USN
142.080 USN
142.100 USN
142.125 USAF
142.155 USAF
142.200 USAF
142.250 USAF
142.305 USAF
142.325 ARMY
142.335 ARMY
142.350 ARMY
142.375 ARMY
142.400 ARMY
142.440 ARMY
142.800 USMC
142.500 NASA USN
142.525 USN
142.550 USMC
142.600 USN
142.620 USN
142.625 USN
142.675 USN
142.680 USN
142.700 USN
142.740 USN
142.725 USN
142.750 USN
142.775 USN
142.800 USN
142.845 USN
142.850 USN
142.860 USN
142.900 ARMY
142.905 ARMY
142.925 ARMY
142.950 ARMY
143.000 ARMY USN
143.040 ARMY
143.050 ARMY
143.075 ARMY
143.085 ARMY Pacif
143.100 ARMY
143.125 ARMY
143.175 ARMY
143.225 ARMY
143.250 ARMY
143.280 CG
143.300 ARMY
143.340 MIL
143.350 ARMY
143.355 ARMY
143.375 ARMY
143.400 ARMY
143.415 ARMY
143.450 ARMY
143.460 USAFM
143.490
143.500 USN
143.505 USMC
143.520 USN
143.525 USMC
143.550 USN
143.580 USN
143.625 USN
143.640 USN
143.650 USN
143.675 USN
143.680 USN
143.700 USN
143.715 USN
143.725 USN
143.750 USN
143.760 USAF
143.800 USAF
143.850 USAF
143.880 USAF
143.900 CAP (Inpt to 148.150)
143.950 USAFM
143.975 ARMY
143.980 ARMYM
143.985 MIL
143.990 ARMY
148.000 MIL
148.010 ARMYM
148.020 ARMY
148.025 ARMY
148.035 USAF
148.050 USAF
148.065 USAF
148.075 USAF
148.150 CAP (Rpts 143.900)
148.175 USAF
148.185 USAF
148.200 USAF
148.215 USAF
148.225 USAF
148.240 USAF
148.245 USAF
148.250 NASA
148.260 NASA
148.275 USN GS
148.290 USN
148.300 USAF
148.310 USN
148.325 USN
148.330 USN
148.350 USN NASA
148.370 USN
148.375 USN GS
148.400 USN
148.410 USNM
148.425 USN
148.430 USN Securty
148.450 USAF
148.485 USAF
148.500 USAF
148.515 USAF
148.525 USAF
148.545 USAF
148.550 ARMY
148.560 NASA
148.575 MIL
148.600 ARMY
148.605 ARMY
148.625 ARMY
148.695 ARMY
148.725 ARMY
148.700 ARMY
148.750 ARMY
148.755 ARMY
148.775 ARMY
148.785 ARMY
148.800 ARMY
148.815 ARMY
148.850 MIL
148.875 ARMY
148.905 USN Pacif Disaster Net
148.925 ARMY
148.950 USN GS
148.965 MIL
148.975 USMC
148.980 NASA
149.000 MIL
149.010 USN
149.025 USN
149.030 USN
149.050 USN
149.070 USN
149.075 USMC
149.100 USN
149.115 MIL
149.125 USN GS
149.130 USN
149.145 USN
149.150 USAF
149.175 USAF Securty GS
149.190 MIL
149.195 NASA
149.205 USAF Securty
149.220 NASA
149.225 USAF
149.235 USAF
149.245 NASA
149.250 USAF
149.265 USAF
149.275 USAF
149.275 GS
149.295 USAF
149.300 USAF
149.310 USAF
149.325 USAF
149.350 USN
149.370 USN FBI Quantico MCAF VA
149.375 USAF
149.390 USN
149.400 USN
149.415 USMC
149.425 USMC
149.430 USN
149.450 USN GS
149.470
149.475 USAF
149.500 USAF
149.505 USAF
149.520 USAF NASA
149.525 USAF
149.535 USAF
149.550 USAF
149.565 USAF
149.575 ARMY
149.600 ARMY
149.625 ARMY
149.650 ARMY
149.670 ARMY
149.675 ARMY
149.685 MIL
149.690 MIL
149.715 ARMY
149.745 ARMY
149.750 CIA
149.775 ARMY
149.790
149.800 ARMY
149.820 NASA
149.825 ARMY
149.850 MIL
149.865 MIL
149.875 ARMY
149.925 USAF
149.988 USN
150.000 USN
150.025 USAF
150.070 USMC
150.085
150.090 USN
150.100 USN
150.115
150.135 USAF
150.150 USAF GS
150.154
150.165 USAF
150.175 USAF
150.19
150.195 USAF
150.200 USAF
150.210 MIL
150.225 USAF
150.240 MIL
150.250 USAF
150.255 USAF
150.270 USAF
150.285
150.300 USAF
150.315 USAF
150.325 USAF
150.330 MIL
150.340
150.345 USAF
150.350 USAF
150.365 MIL
150.370 MIL
150.375 MIL
150.390 USN Atlant
150.400 USN
150.405 MIL
150.425 ARMY
150.430
150.435 ARMY MP's
150.470 PHS
150.550 USN
150.555 ARMY MP's
150.575 ARMY
150.585 MIL
150.690
150.735 ARMY
150.750 MIL
150.760
150.765 MIL
150.845
150.980 EPA-OIL
154.200 NASA
154.585 EPA-OIL
156.275 CG
156.300 CG
156.390 FBI Fresno CA
156.570 FBI Medford OR
156.600 CG Ports
156.690 FBI Denver CO
156.700 CG Ports
156.800 CG Emerg
156.875 CG
157.050 CG
157.125 USAE GS
157.100 CG
157.125 USAE GS
157.150 CG
157.175 CG Aux
157.500 CG Resv
157.650 CG Resv
158.445 EPA-OIL
159.480 EPA-OIL
160.650 IBP El Paso TX (operates in AT&SF RR comminic system)
161.580 EPA-OIL
162.000 USN
162.013 NASA
162.025 GS AGRI TVA NASA
162.050 GS ARMY NRG
162.075 EPA NOAA COMM
162.100 INT NRG
162.125 GS EPA NASA
162.150 USN COMM
162.175 GS IBW COMM ARMY
162.200 ARMY GS
162.225 PO MIL NRG
162.250 REC MIL FAA
162.260
162.265
162.275 FAA
162.300 FAA
162.325 FAA
162.350 ARMY
162.400 NOAA Weather Ch WX-2
162.450 GS NRG
162.475 NOAA Weather Ch WX-3
162.475 NOAA Wthr
162.485
162.500 FAA
162.520
162.530 ARMY
162.550 NOAA Weather Ch WX-1
162.585 MILL AGRI

162.590 ARMY REC
162.595 GS
162.600 USAF
162.613 NASA AGRI
USAF
162.620 ARMY
162.625 USN *Atlntc*
162.650 ARMY
162.688 SECSERV
(Because so much of this agency's operations requires portable operations & security, this & other SECSERV freqs shown are subject to use at any time & in just about any location)
162.700
162.750 MIL
162.770
162.800 ARMY GS
REC
162.810 GS
162.825 CUST
IBP *in:*
Buffalo NY
Calais ME
Calexico CA
Chula Vista CA
Houlton ME
Lynden WA
Mobile AL
New York NY
Opheim MT
Pensacola FL
Pine Creek MN
Pt. Huron MI
Sweetgrass MT
Trenton MI
Wolf Pt. MT
Yuma AZ
162.845
162.853 WHS
(This & other freqs for WHS are used by President's personal staff when President is travelling. Probably a portable base + WT's & mobiles.)
162.860 ARMY
162.868
162.875 IBP
Calexico CA
Chula Vista CA
El Centro CA
Hidalgo Co TX
McAllen TX
Mercedes TX
Presidio TX
Rio Grande TX
162.890 ARMY
162.900 IBP
Houlton ME
162.925 IBP
Baton Rouge LA
Blaine WA
Bonners Fy. ID
Buffalo NY
Christnstd VI
Chula Vista CA
Gulfport MS
McAllen TX
Ogdensbrg NY
Ponce PR
St. John VI
Yuma AZ
162.950 IBP
Laredo TX
162.975 USAF
IBP *in*
El Centro CA
Lochiel AZ
Mercedes TX
Presidio TX
162.984 ARMY
163.000 BLM *Fire*
CUST PO
163.01
163.025 BLM *Fire*
REC *Tualatin Proj*
USAE
163.050 BLM *Fire*
REC ARMY TVA
163.075 BLM *Fire*
MINES *(Rpts 168.375)*
GSA REC
163.088 IBP
McAllen TX
163.100 NASA TVA
MIL
163.125 BIA REC
MIL TVA
163.150 BIA TVA
GS MIL
163.175 BLM *Fire*
BIA TVA GS GSA
HEW
163.188 USAF *(CID)*
163.200 MRSHL
(Rpts 163.813)

163.225 NOAA MIL
GS COMM
163.250 ARMY
163.275 NOAA
163.300 NOAA GS
ARMY
163.325 NOAA GS
163.350 NOAA GA
163.360 ARMY
163.363 SECSERV
163.375 TVA PO
MIL INT
163.390 REC GS
163.395 GS
163.400 SECSERV
163.413 USAE
163.425 ARMY
163.430 USAF
163.438 USAE
163.440 FAA
163.450 MIL
IBP *in*
Yuma AZ
163.463 USAF *Securty*
163.475 USAF
163.488 USAF *Securty*
FBI *at*
Andrews AFB MD
Tinker AFB OK
163.513 USAF *(CID)*
163.525 USAF
163.538 USAF *Securty*
163.550 ARMY
163.563 USAF *Securty*
ARMY *(MP's)*
163.588 USAF
163.600 USAF ARMY
163.605 GS
163.610 GS
163.625 IBP
Blaine WA
Buffalo NY
Calais ME
Charl. Amalie VI
Chula Vista CA
Columbus NM
Del Rio TX
Derby Line VT
Detroit MI
El Paso TX
Gr. Forks ND
Havre MT
Houlton ME
Laredo TX
Livermore CA
McAllen TX
New Orleans LA
New York NY
Ogdensburg NY
Presidio TX
Rouses Pt. NY
San Antonio TX
San Juan PR
Seattle WA
Spokane WA
Tampa FL
Tucson AZ
Van Buren ME
Washington DC
Yuma AZ
163.650 IBP
Laredo TX
163.675 IBP
Blaine WA
Buffalo NY
Calais ME
Christnstd VI
Derby Line VT
Detroit MI
Gr. Forks ND
Havre MT
Houlton ME
New Orleans LA
Ogdensburg NY
Pt. Huron MI
Rouses Pt. NY
Seattle WA
Spokane WA
Tanpa FL
Van Buren ME
Yuma AZ
New Mexico
163.700 USAF ARMY
IBP *in*
El Paso TX
163.725 IBP
Chula Vista CA
Livermore CA
Marfa TX
Yuma AZ
163.750 MIL INT
IBP *in*
San Antonio TX
163.775 ARMY
IBP *in*
Mc Allen TX
Nogales AZ
Pittsburgh PA
Yuma AZ
New Mexico
163.813 SECSERV
MRSHL *(Inpt 163.200)*
FBI *in*
San Francisco CA
Washington DC

163.825 FBI
Detroit MI
163.838 REC
FBI
SanFransco CA
VA Bch VA (Rpts 167.600)
E. PA "CAVE" Surveillance (Rpts 167.388)
163.863 INT
163.875 FBI
Cleveland OH
Detroit MI
Portland OR
Washington DC
163.888 REC *(Gr. Coulee Project)*
FBI
New Haven CT (Chan #1 CT statewide)
PA VA NC
163.900 ARMY
163.913 FBI
Denver CO
Mt. Laguna CA
Twin Falls ID
Westchester Co. NY (Chan ECC-1) (Rpts 167.525)
163.925 ARMY *(MP's)*
FBI
Chelsea MI
Flint MI
Millington MI
New York NY
Onondaga MI
Portland OR
St. Ignace MI
Whiteface NY
Western PA (?)
163.938 FBI
Mingus Mtn. AZ
Mt. Lemmon AZ
Newark NJ (Chan ECC-1) (Rpts 167.150)
Telegraph AZ
Whitetanks AZ
MN ND
163.950 FBI
Milwaukee WI (is sometimes scrambled)(Rpts 167.600)
DE MD FL
163.963 FBI
Franklin Mtn. TX
Mt. Clemens WA
Mt. Constit. WA
Mt. Spokane WA
Olympia WA
Portsmouth OH
Quitman Pk. TX
Squak Mtn. WA
Washington DC
W. Palm Bch FL
163.975 FBI
Buffalo NY (Ch 5)
Detroit MI
CT (Rpts 167.325)
163.988 BLM *Fire*
FBI
Chillicothe OH
Cloudcroft NM
Cotulla TX
Jacks Peak NM
Laredo TX
McAllen TX
Phila PA (Rpts 167.325)
San Antonio TX
Santiago Pk. CA
Weslaco TX
FL (Rpts 167.385)
164.005 GS
164.010 GS
164.025 FAA
164.050 GS
164.075 GS VA
164.100 MIL PO
FOR NPS
GS *(Inpt 164.800)*
164.125 NASA GS
FOR
164.150 MIL FOR
164.175 VA USAF PO
FOR IBW REC
164.200 USAE PO
INT NPS
REC *Mindoka Proj*
164.225 NASA NRG
164.250 ARMY TVA
GS REC NPS
164.275 NASA NRG
GS
164.300 USAF CG
NRG HEW
164.325 NRG FOR
164.350 NRG ARMY



164.375 ARMY NRG FOR
164.400 NRG INT SECSERV (Chan P) (Might also be used by ATF)
164.413 FBI Olympia WA
164.425 NPS ARMY Base Trnsptn IBW REC Yakima Hydro-met
164.450 EPA
164.463 NPS FBI in Olympia WA
164.475 IBW GS NRG NPS BIA REC Gr. Coulee Prj Yakima Project
164.488 NPS
164.500 PO MIL
164.513 NPS
164.525 NRC REC GS
164.538 REC
164.550 ARMY NPS REC
164.575 NRG REC
164.588 NPS TVA
164.600 MRSHL FAA PO FOR
164.613 NPS TVA
164.625 INT FWS ARMY ARR NCP (Chan 2)
164.638 NPS TVA
164.650 SECSERV
164.660 NPS TVA
164.675 NPS GS NRG MINES-(Rpts 169.825)
164.688 NPS TVA
164.700 MIL VA FOR PO
164.710 NPS
164.725 NPS TVA REC MINES
164.730 ARMY
164.750 NRG REC Mindoka Project
164.775 BIA REC FOR ARMY
164.800 AGRI REC GS (Rpts 164.100) NCP (Chan 1)
164.815 Unidentified security agency in Crown Pt. IN may possibly op here
164.825 GS AGRI ARMY
164.830
164.840 GS
164.845 GS
164.863 BIA FBI-Operations on Ariz Indian Reservations. Base at Flagstaff.
164.875 FOR
164.888 FOR
164.910 FOR
164.925
164.938 FOR VA
164.955 ARMY
164.963 VA MIL PO
164.975 AGRI
164.988 MIL NPS PO GS Yakima Proj
165.000 USAF
165.013 CIA USAF Base Opns
165.025 MIL
165.035 USAE USAF
165.060 FAA ARMY
165.083 ARMY
165.113 CIA USAF
165.125 USAF Security
165.138 USAF Base Operations
165.163 MIL NPS
165.175 USAF ARMY
165.188 MIL
165.200
165.213 SECSERV CG
165.238 USN CUST (Rpts 166.438) (Main freq all areas)
165.260 CG AGRI NRG USN-Pacif
165.288 CUST ATF (Ch 1) (All freqs shown for ATF seem to be in use at most offices but Ch 1 appears to be main channel. Some monitors feel DEA may use this freq at times.)
165.313 HEW CG MIL
165.338 BIA HEW CG MIL FAA (Inpt to 166.175) GS (Inpt to 166.175)

165.363
165.375 ATF SECSERV Chan CHARLIE (Rpts 166.400)
165.388 CIA
165.400
165.413 USAF EPA REC
165.438 FAA GS ARMY
165.450 FAA Pacif
165.463 INT COMM
165.488 GS
165.500 FAA Security (Channel 1, most areas)
165.513 INT FOR
165.538 NOAA FAA GS
165.563 EPA ARMY
165.588 NOAA ARMYM
165.613 FAA NASA
165.625 MIL FAA
165.638 FAA
165.663 FAA Security (Channel 2)
165.675 SECSERV
165.685 SECSERV PO FAA
165.700
165.713 FAA INT GS IBP in Flagstaff AZ
165.738 FAA
165.763 FAA
165.788 SECSERV (Channel BAKER, used as "Escort" freq.)
165.806 GS
165.810 GS
165.813
165.825 IBP Big Mtn. MT Milton ND
165.870
165.875 IBP Gr. Portage MN New York NY Rio Grande TX Rosillos Pk. TX
165.895 USAF
165.900 IBP Jacksonvl FL Tolman Hill ME Washington DC
165.913 TREAS
165.925 NPS (Inpt to 166.925) IBP in Whites Hill NY WHS
165.945 FAA
165.950 UN Police TREAS Ch 2 - Surveillance frequency
165.975 NPS INT IBP in Hipass CA Hudson Div. MT Laredo TX
166.000 USN Pacif INT REC
166.025 NOAA DOT REC
166.050 COMM
166.075 GS
166.100 MIL FAA DOT
166.125 GS (Inpt of 169.225)
166.150 COMM
166.175 FAA GS (Rpts 165.338)
166.190
166.200 ATF Washington DC
166.213
166.225 PO TVA NASA INT
166.238
166.250
166.265
166.275 NRG TVA PO GS (Inpt to 166.875)
166.300 DOT REC Chief Joseph Dam Project NPS (Inpt 166.900)
166.313
166.325 TVA REC NPS-(Inpt 166.925) FWS
166.350 NPS GS (Inpt to 166.950) REC Cntrl Vly Proj
166.375 NPS PO TVA GS REC
166.405 SECSERV & ATF (Inpt 165.375)
166.413 ATF
166.419 GS
166.422 GS
166.425 FOR
166.438 CUST (Inpt of 165.238) Used in most areas.
166.463 ATF
166.475 IBW FOR
166.488 INT
166.500
166.513 SECSERV (Channel ALPHA)
166.525
166.528 PROTEC
166.538 ATF
166.550
166.563 FOR
166.575 FOR
166.580
166.588 TREAS
166.600 NPS car/car
166.615 SECSERV PO GS Forest Fire Ch
166.638 NPS REC
166.655 GS
166.660 GS
166.675 MINES NRG NPS FOR Air Tac 1
166.700 FOR
166.725 NPS MINES REC FOR Fire Opns
166.750 ATF REC GS ARMY-Fire
166.775 NPS Fire
166.800 USAF GS REC
166.825 TVA REC GS BIA
166.850 NPS REC
166.875 NOAA ATF REC GS (Rpts 166.275)
166.900 BIA NPS (Rpts 166.300)
166.925 BLM Fire REC Cntrl Vly Proj NPS (Rpts 166.325) FWS
166.950 REC NPS GS-(Rpts 166.350)
166.975 REC
167.000 INT Fire
167.025 WHS INT NPS
167.030
167.038
167.050 FCC (Agcy now seems to have repeaters on this freq from most field offices for communicating with staff members on inspections & investigations. Inpt freq is 172.800.)
167.075 GS ARMY
167.100 INT FOR-Fire
167.113
167.125 PO FOR TVA REC MINES USN-Ships
167.138
167.150 FBI Knoxville TN New York NY Westchester Co NY Ch ECC-1 (Inpt 163.913)
167.163
167.175 ARMY TVA REC Cntrl Vly Proj
167.188
167.195 GS
167.200
167.213 FBI Alamogordo NM Albuquerque NM Brownsville TX Cloudcroft NM Del Rio TX Deming NM El Centro CA Laredo TX Las Cruces NM McAllen TX Mt Laguna CA Mt Soledad CA New York NY-(Ch GOLD 1) Oceanside CA San Antonio TX
167.225 FBI Anchorage AK Buffalo NY - (Chan 2) CoeurD'Alene ID Ft Lauderdl FL Geneva NY Glasgow MT Gt. Falls MT Homestead FL Jamestown NY Kalispell MT Key West FL Key West FL Ltl Vly Twp NY Miami FL Niagara Fls NY Rochester NY W. Palm Bch FL New Jersey Virginia
167.238 FBI Anchorage AK Mesa AZ Mingus Mtn. AZ Mt. Lemmon AZ Nogales AZ Phoenix AZ Safford AZ Superior WI Tucson AZ Whitetanks AZ Yuma AZ
167.250 FBI Burlington VT Denver CO Detroit MI Glens Fls NY Helderburg NY Plattsburg NY San Angelo TX San Francsco CA Smith Hill NY Syracuse NY Utica NY Watertown NY
167.263 FBI Bay City MI Chelsea MI Detroit MI El Paso TX Flint MI Marquette MI Millington MI Monroe MI Mt. Frnkln TX Newark NJ - (Chan 3) Quitman Pk. TX San Francsco CA Traverse MI
167.275 FBI Okla City OK Portland ME Massachusetts New York Puerto Rico Virginia
167.288 FBI Buffalo NY - (Chan 3) Geneva NY Indio CA Jamestown NY Ltl Vly Twp NY Mayville NY Niagara Fls NY Palm Sprgs CA Rochester NY Santiag Pk CA Worden Hill NY
167.302 FBI Kans City MO New York NY - (Chan BLUE 3) IBP Bemidji MN Gr. Forks ND Minot ND
167.313 FBI Bay City MI Chelsea MI Detroit MI El Paso TX Flint MI Honolulu HI Marquette MI Millington MI Monroe MI Mt Frnkln TX Quitman Pk TX Slt Ste Mar MI Traverse MI
167.325 FBI Brownsvlle TX Del Rio TX Laredo TX McAllen TX Philadel PA- (Chan 1) (Inpt 163.988) San Anton TX Delaware Massachusetts Michigan New Jersey Puerto Rico
167.338 FBI Bellingham WA Bremerton WA Chicago IL Mesa AZ Minws Mtn AZ Mt Constit WA Mt Lemmon AZ New York NY- (Ch BLACK 2- surveillnce) Nogales AZ Phoenix AZ Safford AZ SanFrancsc CA Seattle WA Spokane WA Sqwak Mtn WA Tucson AZ Wenatchee WA Whitetanks AZ Yuma AZ
167.343 A correspondent reports monitoring a room bugging transmitter on 167.3425. Agency unknown.
167.350 USAF
167.363 FBI Anchorage AK Alamogordo NM Albuquerque NM Cloudcroft NM Corp Chrsti TX Deming NM Las Cruces NM
167.375 FBI Bemidji MN Charl Amal VI CoeurD'Alne ID Duluth MN Glasgow MT Gr. Forks MT Grt. Fls MT Minot ND New York NY- (Chan GOLD 2) Delaware Maryland New York Puerto Rico
167.388 FBI El Centro CA El Paso TX Kansas Cy MO Mt Franklin TX Mt Laguna CA Mt Soledad CA Oceanside CA Quitman Pk CA San Angelo TX Fla (Chan 1 - Inpt to 163.988) PA (Ch ECC-1 Inpt to 163.837) Texas
167.400 FBI Bay Cy MI Burlngtn VT Chelsea MI Detroit MI Flint MI Glens Fls NY Helderberg NY Marquette MI Millington MI Monroe MI Plattsburg NY Slt Ste Mar MI Smith Hill NY Syracuse NY Traverse MI Utica NY Watertown NY
167.413 FBI Baltimore MD Bellingham WA Bremerton WA Brownsvlle TX Del Rio TX Laredo TX McAllen TX Mt Constit WA Seattle WA Spokane WA Squak Mtn WA Wenatchee WA Montana Oregon
167.425 FBI Akron OH Cleveland OH New Haven CT- (Ch 1 Inpt to 163.975) Painesvlle OH Sandusky OH Toledo OH Youngstwn OH Washingtn DC Connecticut Pennsylvania
167.438 FBI Alamogordo NM Albuquerq NM Anchorage AK Cloudcroft NM Deming MN Indio CA Las Cruces NM Palm Spgs CA Santiago Pk CA
167.450 FBI Corpus Chrsti TX Detroit MI Portland OR

PA &/or MD (bank robbery freq)
Bellingham WA
Bremerton WA
El Centro CA
Mt Constit WA
Mt Laguna CA
Mt Soledad CA
New York NY - (Ch GOLD 3)
Oceanside CA
Seattle WA
Spokane WA
Squak Mtn WA
Wenatchee WA

167.463 FBI
Seattle WA

167.475 FBI
Portland OR
Washingtn DC
Puerto Rico
Virgin Islnds

167.488 FBI
Honolulu HI
Mesa AZ
Minws Mtn AZ
Mt Lemmon AZ
Nogales NM
Okla Cy OK
Phoenix AZ
Portland OR
Safford AZ
Tucson AZ
Whitetanks AZ
Yuma AZ
(A correspondent reports hearing a "bug" this freq)

167.5ØØ USN Ships
FBI
Ft Laudrdl FL
Homestead FL
Key West FL
Miami FL
PhiladelphiaPA
W Palm Bch FL

167.513 FBI
Akron OH
Cleveland OH
Painesvlle OH
San Angelo TX
San Francsco CA
Sandusky OH
Toledo OH
Youngstwn OH

167.525 FBI
Newark NJ - (Ch 5 & ECC-1 inpt to 163.988)
Washington DC
Maryland
New York

167.563 FBI
Channel UNIVERSAL 4 and/or BLUE 4 is a common freq for all offices & units. Surveillance freq.

167.575 FBI
New York NY
Delaware
Maryland
New Jersey
Pennsylvania
Puerto Rico

167.588 FBI
Portland OR

167.6ØØ FBI
Bronx NY
Denver CO
Indio CA
Milwaukee WI- (Inpt to 163.950)
New Rochelle NY
Palm Spgs CA
Santiago Pk CA
Westchester NY
Va Bch VA (Inpt to 163.838)

167.613 FBI
CoeurD'Alene ID
Glasgow MT
Grt Fls MT
Kalispell MT
Newark NJ - (Chan 2 surveillance)

167.625 FBI
Portland OR
SanFrancsco CA
Superior WI
PO MRSHL

167.635 FBI
Superior WI

167.65Ø IBP
Bemidji MN
Duluth MN
Minot ND

167.663 FBI
Baltimore MD - (Chan 1)
Burlingtn VT
Glens Fls NY
Helderburg NY
Plattsburg NY
Smith Hill NY
Syracuse NY
Utica NY
Watertown NY

167.675 IBP
Bemidji MN
Duluth MN
Minot ND

167.687 FBI
Denver CO
FtLauderdl FL
Hauppauge NY
Homestead FL
Key West FL
Miami FL
New York NY (Ch BLUE 2 - bank robberies)
Philadelph PA
Sacramento CA

167.7ØØ FBI
New Rochelle NY

167.713 FBI
Phila PA - (Channel 2)

167.738 FBI
Portland OR

167.763 FBI
Buffalo NY - (Chan 2)
Geneva NY
Jamestown NY
Lit Vly Tp NY
Mayville NY
Niagara Fls NY
Rochester NY
Worden Hill NY
Puerto Rico
Virgin Islands

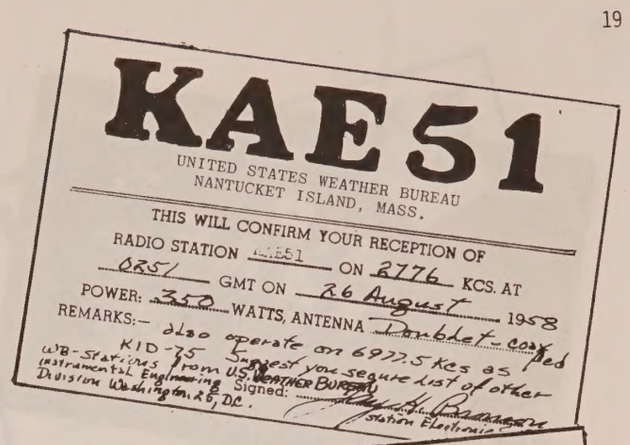
167.777 FBI
Hauppauge NY
New York NY- (Ch BLUE 1)

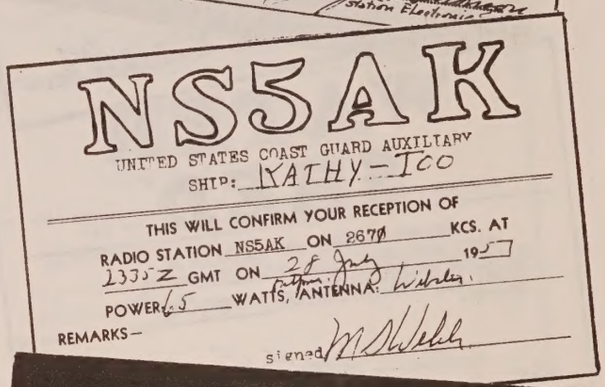
167.788 FBI
Akron OH
Cleveland OH
Corp Chrsti TX
Painesvlle OH
Portland OR
Sandusky OH
Superior WI
Toledo OH
Youngstwn OH

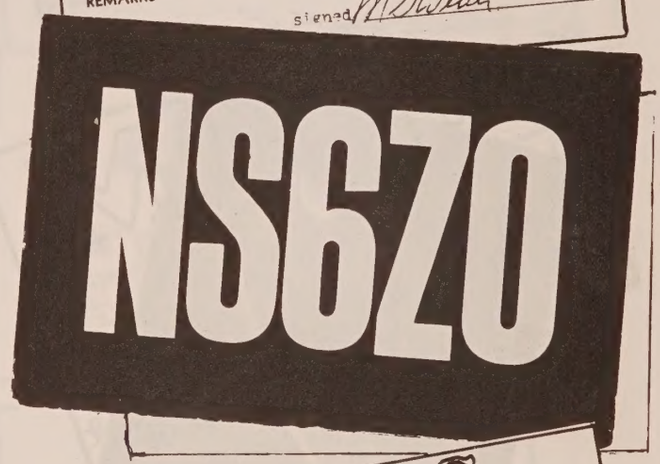
167.8Ø5 REC GS
167.81Ø INT
167.813
167.825 WHS NRG GS USAF REC
167.85Ø USAF NRG
167.863
167.875 USN Ships NRG NASA
167.888
167.9ØØ INT GS
167.913
167.925 NASA NRG FBI
Los Alamos NM
167.95Ø INT GS (Inpt of 168.55Ø)
167.975 VA ARMY NRG
168,ØØØ VA PO USAF-Medical
168.Ø25 ATF FOR-(Inpt of 168.625)
168.Ø5Ø FOR- Tac 1 NRC-Emergencies
168.Ø75 ARMY INT FOR-Command 3 (Rpts 17Ø.425)
168.1ØØ FOR - Command 2 (Rpts 17Ø.45Ø)
168.125 FOR GS MIL
168.15Ø FOR
168.175 FOR Intersystem freq
168.2ØØ FOR- Tac 2 NRC-Emergencies
168.22Ø SECSERV
168.225 TVA GS STATE INT
168.25Ø FOR- Fire USN-Ships
168.275 GS REC
168.3ØØ GS BLM NRG BVP-Emergencies (Inpt to 172.5ØØ)
168.325 USAE NRG BVP-Operations (Inpt to 172.525) REC-Minidoka Proj
168.353
168.375 BIA REC MINES-(Inpt to 163.075)
168.4ØØ SECSERV MINES REC FOR-Fire

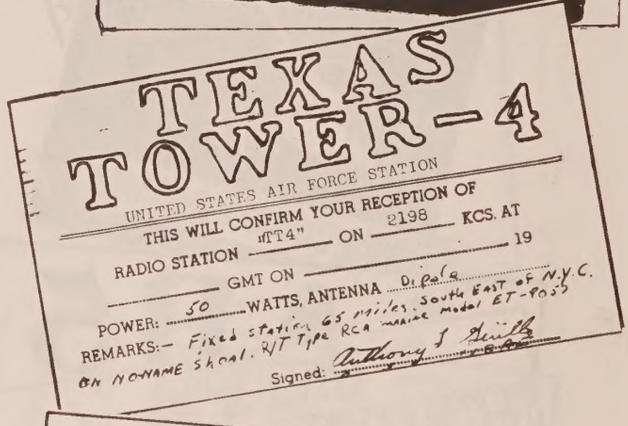
168.425 FOR GS
168.45Ø SECSERV GS REC NRG
168.475 NPS REC GS BLM
168.5ØØ REC
168.525 VA NPS PO GS & BLM (Rpts 169.4ØØ)
168.53Ø VA
168.55Ø BIA GS FOR-Fire (Rpts 167.95Ø)
168.575 GSA BLM SECSERV REC Columb Rvr Bsn Civ Conserv FOR (Inpt to 169.550)
168.6ØØ FOR Aircraft TAC 3 NRC Emergencies
168.625 REC NRC Emergencies FOR Aero (Rpts 168.Ø25)
168.63Ø CUST
168.65Ø FOR
168.675 FOR
168.68Ø
168.7ØØ FOR COMMAND Ch #1 (Rpts 170.975)

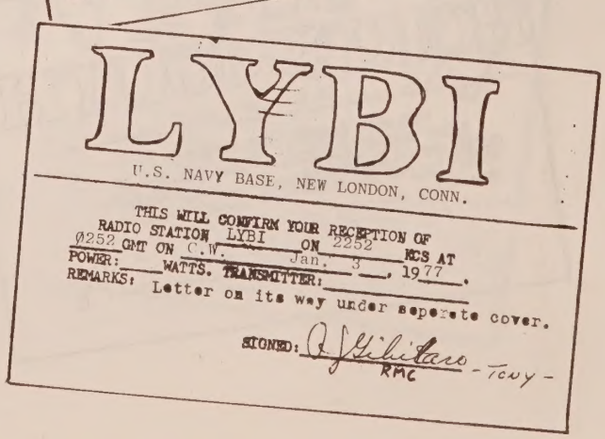
168.725 FOR
168.75Ø FOR
168.775 FOR Intersystem
168.788 WHS
168.8ØØ GSA
168.825 IBP Buffalo NY El Centro CA Ogdensburg NY
168.85Ø INT
168.863
168.875 IBP Washington DC
168.888
168.9ØØ
168.913
168.925
168.938
168.95Ø
168.965
168.975 INT IBP Detroit MI
168.988
169.ØØØ USN Ships PO (Inpt to 169.85Ø) ARMY
169.Ø13
169.Ø25 NOAA GS EPA INT
169.Ø38
169.Ø75 NOAA GS BLM
169.1ØØ INT REC Cntrl Snake Project
169.113 PO
169.125 FOR
169.15Ø FOR Aero TAC 2
169.175 FOR
169.2ØØ FOR Aero TAC 3
169,225 FAA GS-(Rpts 166.125)
169.25Ø INT FAA USN-Atlantic
169.275 NRG AGRI
169.3ØØ FAA NOAA
169.325 INT
169.375 GS FAA USN-Ships
169.4ØØ TVA REC Columbia Basin Proj BLM & GS (Inpt of 168.525)
169.425 USAE REC GS (Rpts 171.925)
169.45Ø USAE FOR
169.475
169.5ØØ NRG GS (Rpts 171.825)
169.525 USAE IBW
169.55Ø CUST EPA REC Gr Coulee Prj FOR (Inpt of 170.Ø5Ø) NPS (Rpts 168.575)
169.575 MINES GS
169.6ØØ MIL FOR
169.613 STATE
169.625 STATE GS REC
169.65Ø PO (Chan BLUE) NPS

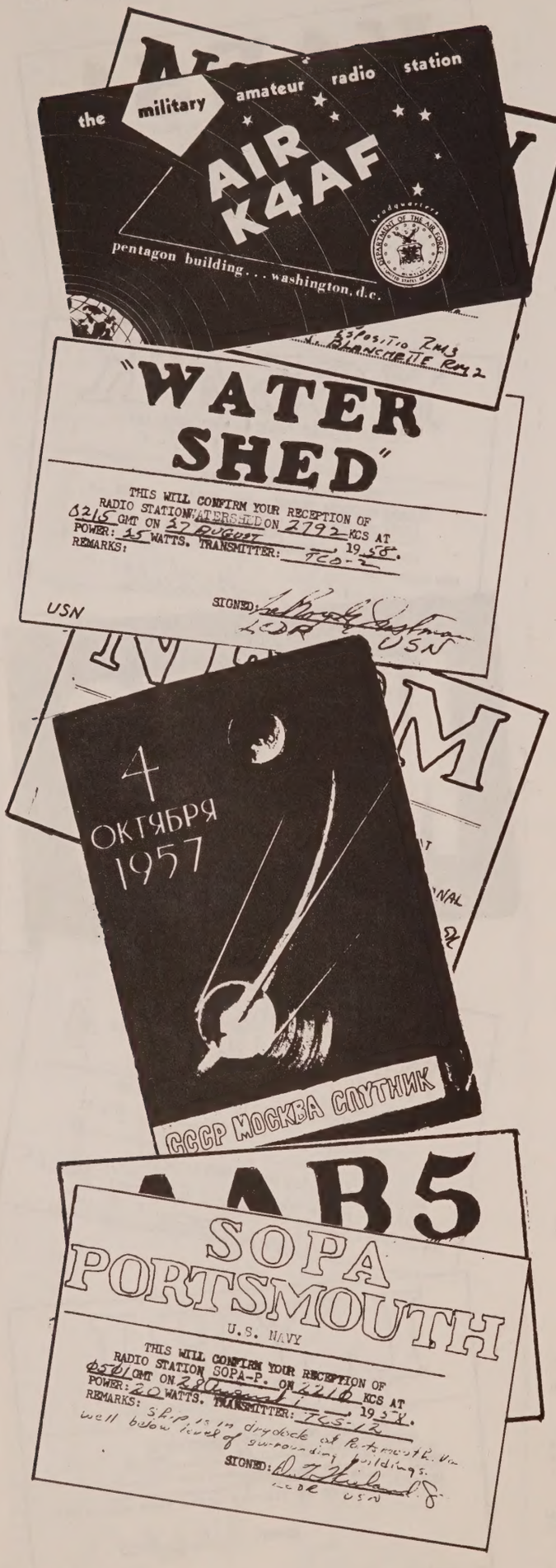

KAE51
UNITED STATES WEATHER BUREAU
NANTUCKET ISLAND, MASS.
THIS WILL CONFIRM YOUR RECEPTION OF
RADIO STATION KAE51 ON 2776 KCS. AT
0857 GMT ON 26 August 1958
POWER: 350 WATTS, ANTENNA Doublet - coax fed
REMARKS:- also operate on 6977.5 kcs as KID-75 Suggest you segate list of other WB-Stations from USWEATHER BUREAU instrumental Englneering Division Washington 25, DC.
Signed: Station Electronics


NS5AK
UNITED STATES COAST GUARD AUXILIARY
SHIP: KATHY - ICO
THIS WILL CONFIRM YOUR RECEPTION OF
RADIO STATION NS5AK ON 2670 KCS. AT
1335Z GMT ON 28 July 195
POWER: 6.5 WATTS, ANTENNA: Whip
REMARKS-
signed M S Welch


NS6ZO


TEXAS TOWER-4
UNITED STATES AIR FORCE STATION
THIS WILL CONFIRM YOUR RECEPTION OF
RADIO STATION "TT4" ON 2198 KCS. AT
GMT ON 19
POWER: 50 WATTS, ANTENNA Dipole
REMARKS:- Fixed station 65 miles South East of N.Y.C. on NONAME shoal. R/T Type RCA marine model ET-9053
Signed: Anthony J Heuble


LYBI
U.S. NAVY BASE, NEW LONDON, CONN.
THIS WILL CONFIRM YOUR RECEPTION OF
RADIO STATION LYBI ON 2252 KCS AT
0252 GMT ON C.W. Jan. 3, 1977.
POWER: WATTS. TRANSMITTER:
REMARKS: Letter on its way under seperate cover.
SIGNED: A Schiliaro RMC - Tony -

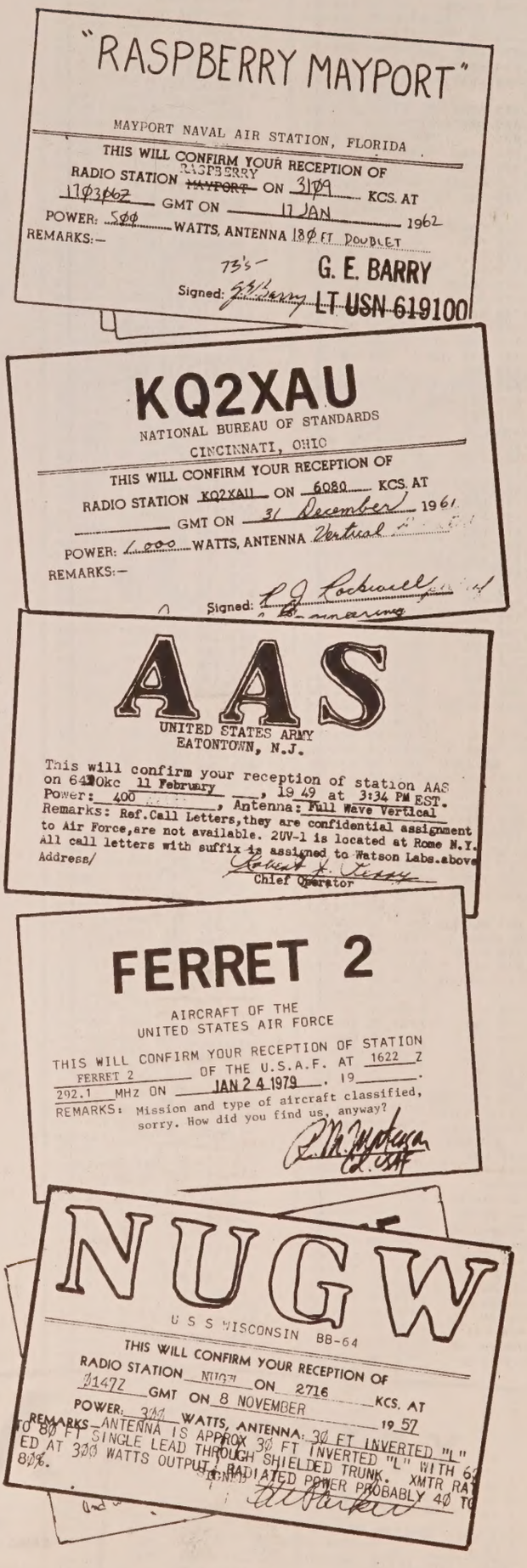


169.675 REC NPS
169.700 NPS
169.725 NPS REC
169.750 MINES REC *Cntrl Snake Prj*
169.775 REC GS
169.800 STATE NPS
169.825 MINES *(Inpt to 164.675)* GS *Common Freq*
169.845
169.850 PO *(RED Channel - Rpts 169.000)*
169.875 FOR GS
169.900 FOR GS
169.925 EBMS FOR
169.950 NRG FOR
169.975 FOR
170.000 VA NRC *Emergencies* REC *Columbia Bsn Pr* FOR *Aero TAC 4*
170.025 ARMY TVA REC *Columbia Bsn Pr* IBP *El Paso TX*
170.050 TVA FWS REC *Gr Coulee Prj* FOR *Rpts 169.550*
170.075 TVA NRG REC
170.100 ARMY REC NASA
170.125 PO NASA USN-*Ships*
170.138 ARMY
170.150 TVA FAA
170.175 MIL PO
170.200 GS
170.225 ARMY TVA
170.250 ARMY
170.275 ARMY INT AGRI
170.300 ARMY AGRI
170.325 ARMY IBW MINES
170.350 INT NASA
170.375 MINES GS REC *Yakima Hydromet*
170.400 FAA GS NASA USAF
170.425 FOR - *(Inpt to 168.075)* ATF *Brunswick GA*
170.450 STATE FOR *(Inpt of 168.100)*
170.475 FOR GS
170.500 FOR
170.525 FOR
170.550 GS FOR-*Fire*
170.575 PO FOR
170.600 FOR REC *Columbia Bsn* ATF *Brunswick GA*
170.625 IBP *Laredo TX*
170.675 IBP *El Centro CA Ogdensburg NY*
170.700 IBP *Arkwright NY Cambria NY Del Rio TX Mt Lyons CA Worden Hill NY*
170.750 NRG AGRI
170.825 AGRI
170.875 PRIS
170.900
170.913
170.925
170.975 FOR *(Inpt of 168.700)* ATF *Brunswick GA*
171.000 MIL FAA NASA AGRI
171.025 EPA
171.050 EPA
171.075 EPA
171.100 EPA
171.125 EPA NPS
171.150
171.175
171.150 NASA
171.175 EPA PO GS REC *(Yakima Hydromet)*
171.200 NRG
171.216 REC GS
171.220 INT
171.238 CG HEW
171.250 CUST USN *Ships*
171.263 PO FOR FAA
171.288 WHS
171.315 CG
171.325
171.338 CG
171.363 CG
171.375
171.388 FOR PO ARMY
171.400 GS
171.412
171.425 FOR NPS
171.450 AGRI
171.475 GS *(Inpt to 172.225)* FOR
171.500 FOR ATF *Brunswick GA*
171.525 FOR
171.550 FOR
171.575 FOR
171.600 GS FOR
171.625 NPS REC FOR
171.650 TVA INT
171.675 GS REC
171.700 TVA INT
171.725 DOT IBP *Miami FL*
171.750 DOT REC FWS NPS-*(Inpt to 172.450)*
171.775 REC *Central Vly Project*
171.800 ARMY NPS
171.825 EPA
171.850 EPA
171.875 EPA
171.900 EPA
171.925 EPA GS *(Rpts 169.425)*
171.950 EPA GS
171.975 EPA GS
172.000 ARMY
172.125 FAA
172.137 FAA ARMY *MP's*
172.150 FAA
172.175 FAA
172.200 FOR
172.225 FOR GS *(Rpts 171.475)*
172.250 FOR
172.275 FOR
172.288 FOR
172.300 PO MIL FOR ATF *Brunswick GA*
172.325 FOR
172.350 FOR
172.375 FOR USN-*Atlantic*
172.388 FOR
172.400 ARMY TVA REC IBW
172.425 GS REC *Centrl Vly Prj*
172.450 FWS BIA NPS-*(Rpts 171.750)*
172.475 NPS GS FWS IBW
172.500 BVP *(Rpts 168.300)*
172.525 GS REC *Minidoka Prj* BVP *(Rpts 168.325)*
172.575 NPS GS
172.600 FOR *Aero*
172.625 NPS BIA REC
172.650 REC
172.675 NPS INT
172.680 DOT
172.700 DOT INT
172.725 NPS REC
172.750 TVA USN *Ships*
172.775 NPS REC INT
172.800 FCC *(Inpt to 167.850)*
172.825 FAA FBI *Ft Bliss TX*
172.875 FAA NPS ARMY
172.900 FAA
172.925 FAA
172.950 USAF FAA
172.975 FAA
173.000 NRG
173.025 FOR NOAA MIL ATF *Brunswick GA*
173.050 USAF TVA
173.075 USAF GS ATF *Brunswick GA*
173.100 USAF NOAA
173.125 USAF NRG NASA USN-*Ships* ATF *Brunswick GA*
173.175 MIL NRG IBW ATF *Brunswick GA*
173.195 GS
173.275 FOR
173.345
173.375 USN
173.413 USAF *Crash*
173.425 USAF
173.438 USAF *Crash & Security units* FBI *WrightPatt AFB OH*
173.462 USAF ARMY
173.475
173.488 MIL
173.512 USAF *Security & AP freq* FBI *Ft Bliss TX*
173.538 USAF *Civil Engnrng & Security freq* FBI *WrightPatt AFB OH*
173.562 NASA USAF -*Ambulance*
173.575 USAF
173.588 USAF *Fire*
173.600
173.613 MIL NASA INT
173.625 REC
173.638 MIL PO NASA
173.663 NASA USAF -*Ambulance*
173.688 USAF PO NASA
173.712 USAF NRG
173.738 NASA VA ARMY PO TREAS *Brunswick GA*
173.762 INT BIA
173.788 NASA PO USAF -*Ambulance* ATF *Brunswick GA*
173.812 USAF
173.838 MIL
173.862 INT
173.900
173.912 ARMY
173.963 IBW NRG
173.988 ARMY

(The band 225 thru 399.9 MHz is the UHF Aero section of the spectrum. Almost all operations in this band are conducted by military services or by the FAA for their convenience. Because of the large number of frequencies in use here it was decided that the most useful way of presenting this data would be with specific locations and uses, which is now contained in special sections of this publication. We do however list below some of the more popular frequencies used on a national basis for your quick ready reference. USN frequencies noted for ship use are used on aircraft carriers.)

225.300 USAF
225.400 USAF
228.400 USAF
235.000 USAF USN
236.400 USN-Pacif
236.600 MIL *Many control towers, also used by the Royal Canadian AF*
239.800 USAF - *Weather freq*
240.000 NASA
240.200 NASA
240.400 NASA
240.600 CG USN NASA
240.800 NASA
241.000 MIL *Popular with Army National Guard*

241.2ØØ NASA
241.4ØØ NASA
241.6ØØ NASA
241.8ØØ NASA
242.ØØØ NASA
243.ØØØ *Distress and Emergency frq*
246.8ØØ USN-Atlant
252.4ØØ USN-Atlant
252.8ØØ USAF
252.9ØØ USAF
253.2ØØ USN-Pacif
254.6ØØ USAF
255.4ØØ FAA
Flight Svc Stations
256.2ØØ NASA
USN-Atlantic
257.2ØØ USAF
257.8ØØ MIL *Many control towers*
257.9ØØ USAF
259.8ØØ USAF
26Ø.2ØØ USAF
261.2ØØ USAF
261.9ØØ USAF
264.2ØØ USN
264.9ØØ USAF
265.5ØØ USAF
27Ø.1ØØ USAF
27Ø.6ØØ USN
275.1ØØ USN CG
275.8ØØ USAF
276.1ØØ USAF
276.5ØØ USAF
276.9ØØ USAF
277.ØØØ USN
277.8ØØ USN CG
279.8ØØ USAF
282.2ØØ USMC Pac
282.8ØØ CG
Search & Rescue
283.8ØØ USAF
283.9ØØ USAF
285.ØØØ USN
286.2ØØ USAF
286.9ØØ USAF
287.2ØØ USAF
288.2ØØ USAF
288.9ØØ USAF
289.4ØØ USAF
289.5ØØ USAF
289.7ØØ USAF
292.1ØØ USAF *Tactical Air Command*
292.95Ø USN Atl
293.ØØØ USAF
293.Ø5Ø USN
293.15Ø USN Pac
294.2ØØ USAF
294.65Ø USN
294.75Ø USN Atl
294.8ØØ USAF
294.85Ø USN Pac
295.3ØØ USAF
295.8ØØ USAF
296.2ØØ USAF
296.35Ø USN Pac
296.45Ø USN Atl
296.55Ø USN Pac
297.ØØØ USAF
297.3ØØ USAF
297.95Ø USN
298.Ø5Ø USN Atl
298.15Ø USN Pac
298.3ØØ USAF
299.45Ø USN
299.55Ø USN Atl
299.65Ø USN Pac
3Ø1.ØØØ USN
3Ø2.7ØØ USAF
3Ø3.4ØØ USN
3Ø4.8ØØ NOAA & USAF *Hurricane Hunter freq in Caribbean & Gulf of Mexico*
3Ø5.4ØØ USAF
3Ø5.5ØØ USAF
3Ø5.6ØØ USAF
3Ø5.7ØØ USAF
3Ø6.35Ø USN
3Ø5.45Ø USN Atl
3Ø6.55Ø USN Pac
3Ø7.4ØØ USN Atl
3Ø7.85Ø USN
3Ø7.95Ø USN
3Ø8.Ø5Ø USN
3Ø9.25Ø USN
3Ø9.35Ø USN
3Ø9.45Ø USN
31Ø.75Ø USN
31Ø.85Ø USN
311.ØØØ USAF *Strategic Air Commnd*
311.1ØØ USAF
314.5ØØ USAF
316.625 USAF
317.175 USAF
317.275 USAF
317.4ØØ FAA
317.5ØØ FAA
317.6ØØ FAA
317.8ØØ USAF
318.3ØØ USAF
319.1ØØ FAA
319.2ØØ FAA
319.4ØØ USAF
319.8ØØ USAF
32Ø.2ØØ USN
322.3ØØ FAA
322.4ØØ FAA
322.5ØØ FAA
323.ØØØ FAA
323.1ØØ FAA
323.2ØØ FAA
324.2ØØ USAF
324.4ØØ USAF
326.3ØØ USAF
335.7ØØ USAF
318.2ØØ FAA
338.5ØØ USAF
339.2ØØ USAF
34Ø.2ØØ USN
Control Towers
34Ø.6ØØ USAF
342.5ØØ USAF
Weather frq
342.5ØØ USAF
344.6ØØ USAF
Weather frq
345.8ØØ USN
345.9ØØ USN
349.4ØØ USAF *Tactical Air Command*
352.6ØØ USAF
353.5ØØ FAA
354.ØØØ FAA
Control Towers
354.2ØØ USAF
356.8ØØ USAF
357.9ØØ USAF
358.2ØØ USAF
358.9ØØ USN
359.4ØØ USN
36Ø.2ØØ USN
Control Towers
36Ø.35Ø USN
36Ø.6ØØ FAA
36Ø.7ØØ FAA
36Ø.8ØØ FAA
363.8ØØ FAA & USAF *Radar Approach Communic*
363.9ØØ USAF
368.6ØØ USAF
369.1ØØ USAF
369.2ØØ USAF
37Ø.4ØØ USAF
372.2ØØ USAF
Pilot to Dispatcher freq
375.2ØØ USAF
Weather freq
375.7ØØ USAF
376.2ØØ USAF *Tactical Air Command*
378.1ØØ USAF
378.2ØØ USAF
378.9ØØ USAF
38Ø.ØØØ FAA
38Ø.55Ø USN
381.ØØØ USAF
381.3ØØ USAF *Tactical Air Command*
381.7ØØ CG
381.8ØØ CG
382.5ØØ USAF *Tactical Air Command*
383.9ØØ CG
384.8ØØ ARMY
385.25Ø USN
387.4ØØ USN
388.ØØØ *Has been used for so-called "death ray" experiments in past- is apparently a resonant freq. of human nervous system.*
391.8ØØ USAF
393.855 USN Atl
394.6ØØ USAF
394.8ØØ
396.2ØØ USAF
398.5ØØ USAF
(See elsewhere in this publication for satellites operating in the band 4ØØ to 47Ø MHz)
4Ø1.7Ø4 GS
4Ø1.71Ø GS
4Ø1.712 GS
4Ø1.79Ø GS
4Ø1.8Ø3 GS
4Ø1.815 GS
4Ø1.86Ø
4Ø5.ØØØ *Monitored at Green Bank WV & Arecibo for Radio Astronomy signals.*
4Ø6.ØØØ USAE
4Ø6.Ø25 EPA
4Ø6.Ø5Ø EPA
4Ø6.Ø75 EPA
4Ø6.125 EPA REC
4Ø6.225 NASA NRG ARMY PO
4Ø6.275 INT
4Ø6.325 PO
4Ø6.375 REC PO USN INT NRG
4Ø6.4ØØ PO
4Ø6.475 INT REC *Gr Coulee Prj*
4Ø6.5ØØ USAF
4Ø6.55Ø NPS REC MINES -*(Rpts 411.675)*
4Ø6.563 CG
4Ø6.575 REC
4Ø6.75Ø NRG
4Ø6.8ØØ CG
4Ø6.8ØØ REC CG
4Ø6.825 INT
4Ø6.875
4Ø6.938 USAE
4Ø6.975 CG
4Ø7.ØØØ USAF
4Ø7.Ø25 REC *Yakima Project Yakima Hydromet*
4Ø7.Ø63 FAA
4Ø7.125 CG
4Ø7.175 USAF FAA
4Ø7.2ØØ STATE
4Ø7.225 ARMY
4Ø7.25Ø ARMY *MP's (Inpt to 4Ø9.125)*
4Ø7.275 ARMY
4Ø7.3ØØ ARMY
4Ø7.325 ARMY
4Ø7.35Ø MIL NRG
4Ø7.375 USAF
4Ø7.4ØØ USAF
4Ø7.425 GS ARMY- *MP's*
4Ø7.45Ø MIL
4Ø7.475 MIL GS
4Ø7.5ØØ USAF
4Ø7.525 MIL GS
4Ø7.6ØØ CIA
4Ø7.625 GS CG
4Ø7.7ØØ HEW
4Ø7.775 CG
4Ø7.825 ATF *WT's*
4Ø7.85Ø ATF *WT's*
4Ø7.875 ATF *WT's*
4Ø7.975 CG
4Ø8.ØØØ USAF
4Ø8.Ø25 USN PO
4Ø8.Ø5Ø HEW PO
4Ø8.Ø75 INT
4Ø8.1ØØ STATE
4Ø8.125 ARMY
4Ø8.135 ARMY *MP's*
4Ø8.15Ø NASA
4Ø8.175 USAF
4Ø8.25Ø IBP *Baudette MI Detroit MI Stephen MN*
4Ø8.35Ø IBP *Capitol Hill ME Greenbush MN Hudson MI Milan MI Narrin Lk MI*
4Ø8.425 USAF TVA REC
4Ø8.475 INT
4Ø8.525 REC
4Ø8.55Ø MINES- *(Inpt to 415.15Ø)* BVP *(Inpt to 411.85Ø)*
4Ø8.575 NPS REC
4Ø8.6ØØ CIA
4Ø8.625 REC
4Ø8.675 INT
4Ø8.725 REC
4Ø8.75Ø INT
4Ø8.775 INT
4Ø8.8ØØ USAF
4Ø8.825 FAA
4Ø8.95Ø NRG
4Ø9.ØØØ CG HEW
4Ø9.Ø5Ø USAF
4Ø9.Ø75 REC
4Ø9.1ØØ PO
4Ø9.125 ARMY *MP's (Rpts 4Ø7.25Ø)*
4Ø9.15Ø FOR
4Ø9.175 PO
4Ø9.28Ø NRG
4Ø9.225 PO
4Ø9.275 PO
4Ø9.3ØØ NRG FAA
4Ø9.35Ø PO USAF
4Ø9.4ØØ VA
4Ø9.413 CG
4Ø9.425 USAF
4Ø9.45Ø USAF PO FAA
4Ø9.525 REC PO
4Ø9.6ØØ USAF
4Ø9.625 STATE
4Ø9.65Ø ARMY FOR



"RASPBERRY MAYPORT"

MAYPORT NAVAL AIR STATION, FLORIDA

THIS WILL CONFIRM YOUR RECEPTION OF
RADIO STATION ~~MAYPORT~~ RASPBERRY ON 3109 KCS. AT 1703Z GMT ON 17 JAN 1962
POWER: 500 WATTS, ANTENNA 180 FT DOUBLET
REMARKS:—

73's— G. E. BARRY
Signed: G. E. Barry LT USN 619100

KQ2XAU

NATIONAL BUREAU OF STANDARDS
CINCINNATI, OHIO

THIS WILL CONFIRM YOUR RECEPTION OF
RADIO STATION KQ2XAU ON 6080 KCS. AT ____ GMT ON 31 December 1961
POWER: 1.000 WATTS, ANTENNA Vertical
REMARKS:—

Signed: L J Lockwell Engineering

AAS

UNITED STATES ARMY
EATONTOWN, N.J.

This will confirm your reception of station AAS on 6420kc 11 February, 1949 at 3:34 PM EST.
Power: 400, Antenna: Full Wave Vertical
Remarks: Ref.Call Letters,they are confidential assignment to Air Force,are not available. 2UV-1 is located at Rome N.Y. All call letters with suffix is assigned to Watson Labs.above Address/

Robert K. Terry
Chief Operator

FERRET 2

AIRCRAFT OF THE
UNITED STATES AIR FORCE

THIS WILL CONFIRM YOUR RECEPTION OF STATION
FERRET 2 OF THE U.S.A.F. AT 1622 Z
292.1 MHZ ON JAN 24 1979, 19____.
REMARKS: Mission and type of aircraft classified, sorry. How did you find us, anyway?

Capt USAF

NUGW

U S S WISCONSIN BB-64

THIS WILL CONFIRM YOUR RECEPTION OF
RADIO STATION NUGW ON 2716 KCS. AT 21472 GMT ON 8 NOVEMBER 19 57
POWER: 300 WATTS, ANTENNA: 30 FT INVERTED "L"
REMARKS—ANTENNA IS APPROX 30 FT INVERTED "L" WITH 6[illegible] TO 80 FT SINGLE LEAD THROUGH SHIELDED TRUNK. XMTR RA[illegible] ED AT 300 WATTS OUTPUT. RADIATED POWER PROBABLY 40 TO 80%.

409.695
409.700 STATE
409.750 MIL INT
409.825 CG
409.850 ARMY INT
409.875 ARMY
409.900 USAF PO REC
409.925 ARMY
410.000 NRG
410.025
410.075 NOAA
410.100 NOAA
410.150 NOAA
410.200 REC PO MIL FOR
410.250 FAA USAF
410.300 FAA
410.325 PO
410.350 NRG
410.575 NOAA
410.625 FOR
410.700 NOAA
410.725 NRG
410.750 EPA
410.775 FOR INT
410.800 NRG
411.000 USAF
411.025 FBI *WT's*
411.075 FBI
St Thomas VI
411.125
411.150 CIA
411.175
411.200 NRC
411.225 FOR
411.250 FOR
411.275 FOR
411.300 FOR
411.325 FOR TVA
411.350
411.375 FOR
411.400 FOR
411.425 FOR
411.450 FOR
411.500 FOR
411.525 FOR
411.575 FOR
411.600 NRG
411.625 TVA GS REC
411.675 GS MINES *(Inpt of 406.550)*
411.700 REC TVA
411.750 INT
411.775 TVA
411.825 REC TVA
411.850 BVP *(Rpts 408.550)*
411.875 TVA REC
411.925 INT
412.000 UN REC NASA
412.025 REC *Rio Grande Power*
412.050 NASA
412.075 GS
412.125 IBW GS TVA
412.150 INT
412.175 IBW
412.200 INT
412.225 REC
412.250 REC
412.300 REC
412.350 REC NRG
412.375 TVA REC MINES *(Inpt to 417.675)*
412.400 FOR
412.425 FBI
Lansing MI
Loneman Mtn MI
Quitman Pk TX
San Antonio TX
Worden Hill NY
412.450 FBI
Adario OH
Phoenix AZ
Whitetanks AZ
Wyoming NM
412.475 FBI
Albuquerque NM
Helderberg NY
412.500 FBI
Anchorage AK
Boston MA
Butte MT
Honolulu HI
Miami FL
Mobile AL
Phoenix AZ
San Diego CA
Puerto Rico
412.550 FBI
Mt del Estado PR
Northville MI
412.575 FBI
Cloudcroft NM
Mt Franklin TX
San Antonio TX
Whitetanks AZ
412.600 FOR
412.625 TVA
412.675 TVA
412.725 TVA
412.750 NRG
412.775 TVA EPA REC
412.800 FOR
412.875 MIL GS
412.900 ARMY
412.925 MIL GS
412.950 GS USN-*Atlantic*
412.975 MIL
413.000 MIL
413.025 MIL
413.050 USAF
413.075 MIL
413.100 USAF
413.125 MIL
413.150 USAF
413.175 USAF
413.200 USMC USAF
413.238 USAE REC
413.250 MIL
413.275 USAF
413.300 USAF
413.325 USAF
413.350 MIL
413.375 USAF
413.425 ARMY *MP's*
FBI
Ft Bliss TX
413.450 USAF
413.525 ARMY
413.563 ARMY
413.600 FAA
413.650 IBP
Gr Marais MN
Loman MN
Milton ND
413.750 IBP
Greenbush MN
Milan MN
413.800 NRG
413.825 ARMY
413.875 GSA
413.900 FOR
413.950 GSA
414.025 FBI
El Yunque Pk PR
414.050 FBI
414.075 FBI
Broadview OH
Helderberg NY
414.100 FBI
Cotulla TX
414.125 FBI
Helderberg NY
Howell MI
Mt Laguna CA
414.150 FBI
414.175 FBI
414.200 FBI
414.200 FBI
414.225 FBI
414.250 FBI
Paris OH
414.275 FBI
Capillo Pk NM
414.300 FBI
Adario OH
414.325 VA
414.350 FBI
Millington MI
414.375 FBI
El Paso TX
Seattle WA
(Input of 419.250)
414.400 FBI
414.425 FBI
Ltl Vly Tp NY
414.450 FBI
Mingus Mtn AZ
414.475 FBI
414.500 FBI
Chelsea MI
Maravillas Mt OR
414.525 FBI
414.550 FBI
Mt Lemmon AZ
414.575 FBI
Howell MI
414.625 NOAA
414.650 FOR-*Logistics Ch 1*
414.700 ATF
Buffalo NY
Cleveland OH
Dallas TX
Detroit MI
Niagara Fls NY
Rochester NY
Seattle WA
Syracuse NY
Toledo OH
Washington DC
414.725 PO
414.825 INT REC
414.875 INT
414.925 REC *WT's* BVP *(Inpt to 412.250)*
414.975 MINES *(Inpt to 419.500)*
415.000 ATF
See 414.700.
Also reported this freq are scientific test balloons.
415.025 REC
415.050 PO
415.075 TVA BIA REC *Yakima Proj*
Rio Grande Pwr
Cntrl Snake Proj
415.100 TREAS
415.125 FAA REC *Cntrl Vly Prj*
415.150 MINES *(Rpts 408.550)*
415.175 TVA REC
415.200 GSA
415.225 INT
415.250 INT
415.300 FOR
415.325 FOR
415.350 FOR
415.375 FOR
415.400 FOR
Logistics Ch 2
415.450 FOR
415.500 FOR
Logistics Ch 3
415.525 FOR
415.550 FOR
415.550 FOR
415.625 CG
415.750 FBI
415.725 ATF
See 414.700
415.775 CG
415.825 CG
415.900 NOAA
415.925 CG
416.050 ATF
Detroit MI
416.075 INT
416.125 INT
416.175 INT
416.225 CG REC
416.325 ATF
Detroit MI
416.375 NOAA
416.425
416.475 REC
416.500 MIL
416.550 CG
416.575 REC
416.675 REC
Yakima Proj
Yakima Hydromet
416.700 CG REC
416.713 USN-*Atl*
416.775 PO *(Inpt to 418.300)*
416.850 CG
416.860 DOT
416.875 FAA
416.885
416.912 CG
416.925 CG REC
416.937 DOT
416.950 GS NOAA
416.962
416.975 PO
416.987
417.000 CG
417.050 IBP
Detroit MI
Gr Forks ND
Vidauri TX
W Branch MI
417.150 IBP
Cyr Mtn ME
Bliss MI
Devils Lk MI
Millington MI
Warroad MN
Virgin Islds
417.200 GSA *(Security - Inpt to 419.175)*
417.225 REC GS
417.250 INT BVP *(Rpts 414.925)*
417.275 REC
417.400 FBI
New York NY Ch 4
417.425 REC
417.450 FBI
New York NY Ch 1
417.500 FBI - BC100 BIRDIE
New York NY Ch 2
417.525 GS
417.550 FBI
New York NY Ch 3
417.575 GS
417.625 GS
417.625 GSA PO NRG
417.675 REC MINES *(Rpts 412.375)*
417.725 TVA IBW
417.775 TVA INT
417.825 TVA REC
417.850 INT
417.925 REC
417.950 FWS REC
418.025
418.050 MINES *(Inpt to 418.575)*
418.175 ATF
See 414.700
418.225 ATF
See 414.700
418.250 ATF
See 414.700
418.275 GS *(Inpt to 419.900)*
418.300 PO *(Inpt to 416.775)*
418.325 GS *(Inpt to 419.925)*
418.350 GS *(Inpt to 419.950)*
418.500 REC
418.525 REC
418.575 MINES *(Rpts 418.050)*
418.625 DEA - *Ch 1 (Rpts 418.750)*
418.650 ATF
See 414.700
418.675 DEA - *Chan 4*
418.750 DEA - *Chan 3 (Inpt to 418.625 & car to car)*
418.825 DEA
418.850 IBP
Callo ND
Detroit MI
418.900 DEA
418.950 DEA IBP
Pledger TX
Millington MI
Riviera TX
Stepen MN
419.000 DEA
419.025 FAA
419.100 ATF *WT's*
419.125 CG PO
419.175 GSA *Security (Rpts 417.200)*
419.225 FBI
Phoenix AZ
San Juan PR
419.250 FBI
Anchorage AK
Detroit MI
El Paso TX
Seattle WA
419.275 FBI
Albany NY
Cleveland OH
Squak Mtn WA
419.300 FBI
Buffalo NY
419.325 FBI
Miami FL
419.350 FBI
Laredo TX
San Diego CA
San Fransco CA
419.425 FBI
Mt Constit WA
419.450 FBI
Jacksonvlle FL
Smith Hill NY
419.525 FBI *(Rpts 414.375)*
419.550 FBI
Bloomville OH
419.600 HEW CG
419.625 GS
419.650 CG INT
419.675 PROTEC
419.800 CG
419.825
419.850 TVA BIA REC
419.875 TVA INT REC *Rio Grnde Pwr*
Cntrl Snake Proj
Yakima Project
419.900 GS *(Rpts 418.275)*
419.925 MINES GS *(Rpts 418.325)*
419.950 MINES *(Rpts 414.975)* GS *(418.350)*
419.975 DOT
433.920 *Scientific & Medical experiment freq*
454.000 EPA-OIL
456.030 USN
456.800 MINES *(Underground ops)*
459.000 EPA-OIL
467.950 FBI
Jacksonville FL
610.000 *Monitored for Radio Astronomy purposes at Delaware OH, Green Bank WV & Hamilton MA*
610.500 *Monitored for Radio Astronomy purposes at Danville IL & Boulder CO*
611.000 *Monitored for Radio Astronomy purposes at Arecibo PR, Big Pine CA & Hamilton MA*

XF 133F

AIRCRAFT OF THE
MEXICAN AIR FORCE

THIS WILL CONFIRM YOUR RECEPTION OF STATION XF-133F OF THE MEXICAN AIR FORCE AT 2245 GMT 123.1 MHz ON 6 Julio, 1979.

REMARKS: We were searching for lost plane in Golfo de México. Good luck.

E.S.V.

Capt. Emilio Sanchez-V.

OPERATION DEEP FREEZE II

NAAO

ICEBREAKER USCGC GLACIER AGB-4

THIS WILL CONFIRM YOUR RECEPTION OF RADIO STATION NAAO ON 12 MCS XXX AT 1930 GMT ON 8 NOVEMBER 1956

POWER: 500 WATTS, ANTENNA: 35 FT WHIP

REMARKS – (QTH, etc.) VCMU 100 SOUND ANTARCTICA

ANTARCTIC EXPEDITION

signed W. T. Shappell RM1
K. L. Cox AM1

AFD4

UNITED STATES AIR FORCE
ANDREWS AIR FORCE BASE, MD.

I confirm that the station that you heard on 15 at 1706 EST on 21 March, 1953 was AFD4.
RHOMBIC, Xmtr: COLLINS 32-C

La Wright

SOME FEDERAL AGENCY CALLSIGNS

As a reference and for your general information in seeing how the "FCC-type" callsigns are established and structured for those agencies known or believed to have such assignments, listed below is a sampling from some federal agencies:

ALASKA RAILROAD

KVZA ALICE (SHIP)
KVZN NENANA "
KVZP BARRY K "
WG2781 YUKON "
WG2995 TANANA "

BONNEVILLE POWER ADM

KOD925 MT VERNON WA
KOD966 BREWSTER WA

BUREAU OF INDIAN AFF

KKF5ØØ DULCE NM
KOC591 GOSHUTE UT
KOJ5ØØ PHOENIX AZ
KOJ5Ø5 VALENTINE AZ
KOJ53Ø SELLS AZ
KOJ535 STEWART NV
KOJ54Ø OWYHEE NV
KOJ542 GOSHUTE UT
KOJ55Ø WHITE RVR AZ
KOJ595 FT DUCHESNE UT
KPXT NORTH STAR III
KTPL MT EDGECUMBE

BUREAU OF MINES

KAD31Ø TWIN BUTTES AZ
KGC314 BRUCETON PA
KGC315 PITTSBURGH PA
KGC316 BRUCETON PA
KGC317 BRUCETON PA
KGC318 BRUCETON PA
KGC319 BRUCETON PA
KKF32Ø AMARILLO TX
KKF321 EXELL TX
KKF322 KEYES OK
KKF324 CLIFFSIDE TX
KKF325 EXELL TX
KKF326 BOULDER CITY NV
KKF327 ALBANY OR
KA2XRR PORTABLE
KA2XSS GOLDHILL CO
KA88ØØ MOBILE
KA88Ø2-3 MOBILES
KA8812 MOBILE
KA8814-19 MOBILES
KF736Ø-1 MOBILES
KF7365 MOBILE
KF7372 MOBILE
KF7377 MOBILE
KABM VIRGINIA CY
WZ2ØØ6 GEO B KELEZ

BUREAU OF PRISONS

KOE95Ø MC NEIL I WA
KOE957 LA TUNA TX
KOE959 MILAN MI
KOE975 SANDSTONE MI

BUREAU OF RECLAMATION

KAC8ØØ ESTES CO
KAC8Ø1 GRANBY CO
KAC8Ø2 CASPER MTN WY
KAC8Ø3 SEMINOLE WY
KAC8Ø4 GUERNSEY WY
KAC8Ø5 GERING NE
KAC8Ø6 SIDNEY NE
KAC8Ø7 BEAVER CRK CO
KAC8Ø8 CHADRON NE
KAC8Ø9 BLUE RIDGE CO
KAC81Ø ARCHER WY
KAC811 POLE HILL CO
KAC812 LUSKRURL WY
KAC813 CASPER WY
KAC814 SWEETWATER WY
KAC815 CHEYENNE WY
KAC816 BALD MTN CO
KAC817 STEGALL NE
KAC818 CRATER CANYN NE
KAC82Ø ORIN WY
KAC821 LOVELAND CO
KAC822 ALCOVA WY
KAC823 SHERMAN HILL WY
KAC824 WHALEN WY
KAC825 LOVELAND CO
KAC826 ERIE CO
KAC827 OTIS CO
KAC829 KIMBALL NE
KAC83Ø DUNLAP NE
KAC831 ALLIANCE NE
KAC832 GLENDO WY
KAC833 MERINO CO
KAC834 MEDICINE BOW WY
KAC835 N PLATTE NE
KAC838 GUERNSEY WY
KAC839 LARAMIE WY
KAC843 BOYSEN PEAK WY
KAC845 FT MORGAN CO
KAC847 CEDAR MTN WY
KAC872 BUFFALO PASS NE
KAC88Ø MC COOK NE
KAC881 NARROWS DAM CO
KAC882 ENDERS DAM NE
KAC883 TRENTON DAM NE
KAC884 MEDICINE CRK DAM NE
KAC886 LOVEWELL KS
KAC887 KIRWIN DAM KS
KAF62 WHITE PASS WA
KAF63 WAPATOX CNL WA
KAF64 NACHES-SELAH CNL WA
KAF65 ELLENSBURG WA
KAF66 CASCADE CNL WA
KAF67 WESTSIDE CNL WA
KAF82Ø LOWER MOLINA CO
KAF821 UPPER MOLINA CO
KAF822 I.L. CO
KAF839 FLATIRON CO
KAF84Ø WELDONA CO
KAF841 WELD CO
KAF843 PANORAMA PK CO
KAF845 EL PORTAL CO
KAF846 MARYS LK CO
KAF848 AULT CO
KAF85Ø RDWLLW DAM NE
KAF853 GLNEDR DAM KS
KAF854 SUPERIOR NE
KAF856 CEDAR BLUFF DM KS
KAF86Ø PUEBLO CO
KAF862 HUNTER CO
KAF865 MT ELBERT CO
KAF866 MEREDITH CO
KAF867 HAGERMAN PASS CO
KAF868 MT HOOD ST PK CO
KAF869 NAST CO
KAF87Ø GRANITE CO
KAF871 LEADVILLE CO
KAF872 PUEBLO CO
KAF873 SALIDA CO
KAF874 PUEBLO CO
KAF875 CUNNINGHAM CO
KDT8ØØ RED CLOUD NE
KDT8Ø2 STOCKTON KS
KDT8Ø4 WEBSTER DAM KS
KDT8Ø5 NORTON KS
KDT8Ø6 NORTON DAM KS
KDT8Ø7 WAKEENEY KS
KDT8Ø8 GAYLORD KS
KDT81Ø ELLIS KS
KDT811 WHEELER KS
KDT812 MC COOK NE
KDT813 BONNY DAM CO
KDT814 GOODLAND KS
KDT815 ALMENA KS
KDT816 CAMBRIDGE NE
KDT817 CULBERTSON NE
KDT881 SCOGGINS OR
KDT882 L RIDGE CO
KDT883 GINTT ROCK CO
KDT884 POUDRE CO
KDT885 NARROWS DAM CO
KDT886 STERLING CO
KDT887 GRANBY DAM CO
KDT888 W PORTAL CO
KDT889 SHADOW MTN CO
KDT89Ø TABLE MTN CO
KDT891 WILLOW CREEK CO
KDT892 WILLOW CREEK CO
KDT893 GREEN MTN CO
KKF2Ø CIBOLA AZ
KKG42 ELDEN MTN AZ
KKG69 CHANDLER CNL WA
KKG7Ø ROZA CANAL WA
KKG71 KENNEWICK WA
KKG72 CASH PRARIE WA
KKG73 QUARTZ SPGS WA
KKG74 COOPER PASS WA
KKG75 ELENSBURG WA
KKG76 DOMERIE FLAT WA
KKG77 KITTITAS CNL WA
KKG78 BUMPING LK WA
KKG79 TIETON DAM WA
KKG8Ø RESERVATN CNL WA
KKG81 PROSSER WA
KKG82 MABTON WA
KKG83 PARKER WA
KKG84 TIETON HLDS WA
KKG85 NACHES WA
KKG86 TIETON RSVR WA
KKG87 UMTANUM WA
KKG88 ROZA DAM WA
KKG89 BUMPING LK WA
KKG9Ø EARLEAN WA
KKG91 NACHES WA
KKG92 BUMPING RVR WA
KKG93 TEANAWAY WA
KKG94 CLE ELUM RSVR WA
KKG95 EASTON WA
KKG96 CLE ELUM RSVR WA
KKG97 KACHESS WA
KKG98 KEECHELUS WA
KKG99 MANASTASH RDG WA
KMC8ØØ TRINITY CA
KMC8Ø1 CORNING CA
KMC8Ø2 SHASTA DAM CA
KMC8Ø3 KESWICK CA
KMC8Ø4 SACRAMENTO CA
KMC8Ø5 TRACY CA
KMC8Ø6 FRIONT DAM CA
KMC8Ø7 FRESNO CA
KMC8Ø8 ORANGE COVE CA
KMC8Ø9 LINDSAY CA
KMC81Ø GRAPEVINE PSS CA
KMC811 S FORK MTN CA
KMC812 ELVERTA CA
KMC813 NIMBUS CA
KMC815 MT OSO CA
KMC817 LOS BANOS CA
KMC819 BEAR MTN CA
KMC82Ø NEW MELONES CA
KMC821 WHITE RVR CA
KMC822 WILLOWS CA
KMC823 O'NEILL CA
KMC824 FOLSOM CA
KMC825 GRANITE RELAY CA
KMC829 J W CARR CA
KMC831 SPRING CREEK CA
KMC842 LK BERRYESSA CA
KMC848 LAGUNA CRK CA
KOC8ØØ REPEATER WA
KOC8Ø1 3RD PWR PLANT WA
KOC8Ø2 CASPER MTN WY
KOC8Ø3 GRAND COULEE WA
KOC8Ø5 RIRIE CRK ID
KOC8Ø6 GRAND COULEE WA
KOC8Ø7 NAMBE NM
KOC82Ø GOSHEN ID
KOC821 PALISADES ID
KOC824 MINIDOKA ID
KOC825 CHINA BAR
KOC84Ø CODY WY
KOC841 SHOSONE WY
KOC842 LOVELL WY
KOC843 BOYSEN PK WY
KOC844 BASIN WY
KOC845 BOYSEN WY
KOC846 PILOT BUTTE WY
KOC847 CEDAR MTN WY
KOC849 THERMOPOLIS WY
KOC85Ø MUDDY RIDGE WY
KOC89Ø POSTON AZ
KOD8ØØ EPHRATA WA
KOD8Ø3 OTHELLO WA
KOD8Ø4 MESA WA
KOD8Ø6 WAHATIS PEAK WA
KOD8Ø7 DRY FALLS WA
KOD8Ø8 O'SULLIVAN WA
KOD8Ø9 PASCO WA
KOD81Ø RADERVILLE WY
KOD813 STERLING CO
KOD814 FLAT IRON CO
KOD815 WRAY CO
KOD816 LIMON CO
KOD822 MOSES LK WA
KOD822 FARMINGTON NM
KOD828 FARMINGTON NM
KOD829 BLANCO NM
KOD83Ø BLANCO NM
KOF55 BOULDER CY CO
KOF56 NEEDLES CA
KOF57 BLYTHE CA
KOF58 IMPERIAL CA
KOF6Ø BAGDAD AZ
KOF61 TYLER FERRY CA
KOF62 HUALP MTN CA
KOF63 PT SMITH PK CA
KOF64 YUMA AZ
KOF65 POSTON AZ
KOF66 LAGUNA CA
KOF67 ALAMO AZ
KOF68 SPTN CNYN AZ
KOF69 YAVA AZ
KOF7Ø PARKER AZ
KOF71 PT SMITH PK AZ
KOF72 WHITE TANK MTN AZ
KOF73 PHOENIX AZ
KOF74 HOISTHOS
KOF75 RED MTN NV
KOF76 BOULDER CY NV
KOF94 HORSEFLT AZ
KOF95 SPTN CNYN AZ
KOF96 PALOD VRDS CA
KOF97 WATERWHEEL CA
KOF98 HEADGATE AZ
KOF99 BOUNDARY AZ
KOF8ØØ OWYHEE RDG OR
KOF8Ø2 MENAN BUTTE ID
KOF82Ø BOISE ID
KOF821 BLACK CNYN ID
KOF822 CASCADE ID
KOF823 DEADWOOD ID
KOF824 SHAFTER BUTTE ID
KOF826 ARROWROCK ID
KOF828 ANDERSON RNCH ID
KOF831 OROVILLE WA
KOF834 WAR EAGLE ID
KOF835 IDAHO CY ID
KOF836 ATLANTA ID
KOF837 LK POWELL ID
KOF838 MANASTASH RDG WA
KOF84Ø YAKIMA WA
KOF841 ELEPHANT MTN WA
KOF843 QUARTZ MTN WA
KOF844 ROZA DAM WA
KOF845 PROSSER HILL WA
KOF846 CHANDLER WA
KOF848 OWYHEE DAM ID
KOF849 ROME RIDGE OR
KOF85Ø POZA PWR PLNT WA
KOF865 ROME OR
KOF866 CORTEZ CO
KOF867 GREATCUT CO
KOF868 PK PT CO
KOF898 CLE ELUM WA
KOJ8ØØ PAGE AZ
KOJ8Ø2 TENDERFOOT CO
KOJ8Ø4 HOOVER DM NV
KOJ8Ø5 BOULDER CY NV
KOJ8Ø6 MARICOPA AZ
KOJ8Ø7 WILSON RDG AZ
KOJ8Ø8 HOOVER NV
KOJ8Ø9 BASIC CA
KOJ81Ø RED MTN NV
KOJ811 PARKER CA
KOJ812 WHT NECK MTN CA
KOJ813 PHOENIX AZ
KOJ814 DAVIS AZ
KOJ815 HULAP MTN AZ
KOJ816 MT UNION AZ
KOJ817 MT LEMMON AZ
KOJ818 TELEGRAPH PS AZ
KOJ819 GILA AZ
KOJ82Ø BLACK MTN CA
KOJ821 PT SMITH PK AZ
KOJ822 HUMBOLDT MTN AZ
KOJ823 HUTCH MTN AZ
KOJ824 CUNNINGHAM MTN AZ
KOJ825 PHOENIX AZ
KOJ826 PHOENIX AZ
KOJ827 BUCKHORN AZ
KOJ828 PARKER AZ
KOJ829 SALOME AZ
KOJ83Ø FLORENCE AZ
KOJ831 SITE 9 CA
KOJ832 SITE 8 CA
KOJ833 SITE 7 CA
KOJ834 SITE 6 CA
KOJ835 SITE 4 CA
KOJ836 SITE 3 CA
KOJ837 DAVIS AZ
KOJ839 SECONDARY AZ
KOJ84Ø YUMA AZ
KOJ841 BOULDER CY AZ
KOJ842 WILSON RDG AZ
KOJ843 SIGNAL AZ
KOJ844 IMPERIAL CA
KOJ845 SENTRWSH CA
KOJ846 ED-2 AZ
KOJ847 ED-4 AZ
KOJ848 ED-5 AZ
KOJ849 CASA GRNDE AZ
KOJ85Ø NOGALES AZ
KOJ851 BOUSE AZ
KOJ854 YM-2 AZ
KOJ855 YM-3 AZ
KOJ856 YM-4 AZ
KOJ857 CUNNINGHAM MTN AZ
KOJ858 YM-5 AZ
KOJ859 YM-6 AZ
KOJ86Ø COOLIDGE AZ
KOJ861 YM-7 AZ
KOJ862 YM-8 AZ
KOJ863 YM-9 AZ
KOJ864 YM-1Ø AZ
KOJ865 YM-11 AZ
KOJ866 YM-12 AZ
KOJ867 YM-13 AZ
KOJ868 YV-7 AZ
KOJ869 YV-13 AZ
KOJ871 YV-23 AZ
KOJ872 YV-25 AZ
KOJ873 YV-27 AZ
KOJ874 YV-28 AZ
KOJ875 YUMA AZ
KOJ888 COOLIDGE AZ
KOP8ØØ FLAMINGO RDG UT
KOP8Ø1 GRIZZLY RDG UT
KOP8Ø2 MGNTC MTN CO
KOP8Ø3 CRYSTAL CO
KOP8Ø4 SUNLITE CO
KOP8Ø5 RASPBERRY CO
KOP8Ø6 PEAK PT CO
KOP8Ø7 CRYSTAL CO
KOP8Ø8 4 CORNERS NM
KOP8Ø9 GLEN CANYN AZ
KOP81Ø ELDEN MTN AZ
KOP812 BUFFALO PASS CO
KOP813 SHEEP KNOB CO
KOP814 I L CO
KOP815 MORROW CO
KOP816 KAYENTA UT
KOP817 GREEN RIVER WY
KOP818 GRIZZLY RDG UT
KOP819 FONTENLL WY
KOP82Ø LOWER MOLINA CO
KOP821 UPPER MOLINA CO
KOP822 FONTENLL CRK WY
KOP823 MONTROSE CO
KOP824 PAGE AZ
KOP825 ABAJOPEK UT
KOP826 MTDST MTN CO
KOP827 TURKEY CREEK CO
KOP828 MIDWAY CO
KOP829 BLUE MESA CO
KOP83Ø WHITE MTN CO
KOP831 TERMINAL UT
KOP832 NINTTHSO UT
KOP833 JORDAN NRWS UT
KOP834 LEHI UT
KOP835 OREM UT
KOP836 PROVO UT
KOP837 GOSHEN UT
KOP838 PAYSON UT
KOP839 MONA UT
KOP84Ø LOAFER MTN UT
KOP841 PROVO BAY UT
KOP842 WATER CANYN UT
KOP843 HAYES UT
KOP844 DYNE UT
KOP845 6TH WATER UT
KOP846 SYAR UT
KOP847 JORDANLL UT
KOP848 NEPHI UT
KOP849 ABAJOPEK UT
KOP855 TYZACK UT
KOP86Ø TABBY MTN UT
KOP861 DUCHESNE UT
KOP862 COW HOLLOW UT
KOP863 WATER HLLW UT
KOP864 SOLDIER CRK UT
KOP865 SOLDIER CRK UT
KOP866 LAYOUT UT
KOP867 CURRENT CRK UT
KOP868 VAT UT
KOP869 RHODES UT
KOP87Ø HADES CRK UT
KOP871 UPR STILLWATR UT
KOP886 BASIC NV
KOP887 BLYTHE CA
KOP888 COOLIDGE AZ
KOP889 COCHISE AZ
KOP89Ø GILA AZ
KOP891 KNOB CA
KOP982 LIBERTY AZ
KOP893 MEAD NV
KOP894 MESA AZ
KOP895 ORACLE AZ
KOP896 PINNACLE PK AZ
KOP897 PRESCOTT AZ
KOP898 TUCSON AZ
KOP899 WALNUT MOHAWK AZ
KTD893 GREEN MTN CO
KA2XRX AZ

CIVIL AIR PATROL (USAF-AUX)

STATIONS GENERALLY ID BY A CODED IDENTIFICATION WORD REPRESENTING THEIR WING (STATE) AND SHOWING IF THE UNIT IS A BASE (B), A MOBILE (M) OR AERO (A). THIS WORD IS FOLLOWED BY A NUMBER FOR THE INDIVIDUAL UNIT. "CHEYENNE 7" WOULD BE AIRCRAFT #7 OF THE SOUTH DAKOTA WING. EACH CAP WING (STATE ORGANIZATION) HAS BEEN ASSIGNED AN ACTUAL OVERALL CALLSIGN COVERING THESE OPERATIONS, THESE ARE ALSO SHOWN HERE.

KAF357 CO WING
KAF358 IA WING
KAF359 KS WING
KAF36Ø MN WING
KAF361 MO WING
KAF362 NE WING
KAF363 ND WING
KAF364 SD WING
KCC464 MD WING
KCC465 PA WING
KCC59Ø CT WING
KCC591 ME WING
KCC592 MA WING
KCC593 NH WING
KCC594 RI WING
KCC595 VT WING
KEC994 NJ WING
KEC995 NY WING
KGC462 DE WING
KGC463 DC WING
KIG442 AL WING
KIG443 GA WING
KIG444 FL WING
KIG445 KY WING
KIG446 NC WING
KIG447 SC WING
KIG448 TN WING
KIG449 VA WING
KKI719 AR WING
KKI72Ø LA WING
KKI721 MS WING
KKI722 NM WING
KKI723 OK WING
KKI724 TX WING
KME824 CA WING
KOB425 ID WING
KOD427 NV WING
KOF424 AZ WING
KOF426 MT WING
KOF428 OR WING
KOF429 UT WING
KOF43Ø WA WING
KOF431 WY WING
KQA677 AK WING
KQD4Ø5 MI WING
KQD4Ø6 OH WING
KQD4Ø7 WV WING
KSC952 IL WING
KSC953 IN WING
KSC954 WI WING
KUA341 HI WING
WWA353 PR WING

AERO	DC B
AERODYNE	DC M
AERONAUT	DC A
AIR RHODY	RI A
AIRCAP	NJ A
ANGEL	MT A
ASH	WA A
AURORA	AK A
BADGER	WI B
BARFLY	DE A
BEAVER BIRD	OR A
BEAVER FOX	OR B
BEAVER MUSKRAT	OR M
BLACKBEAR	CA M
BLACKBIRD	MO A
BLACKFOOT	ND B
BLACK HAWK	OH B
BLUE BIRD	MO B
BLUE CHIP	TN B
BLUE DOG	IA M

BLUE EAGLE	TX	A
BLUE FIRE	IN	M
BLUE FLITE	VA	B
BLUE FOX	IL	A
BLUE RIVER	CO	A
BLUE ROBIN	MI	A
BLUE STAR	GA	A
BOBCAT	NH	M
BOX KAR	SC	A
BROWNBEAR	CA	A
BUFFALO	NE	M
BULLDOG	IA	M
BUZZARD	WI	A
CAT FISH	MN	A
CHEYENNE	SD	A
CLIPPER	MA	A
CORN STATE	IA	B
CRANE	FL	M
CYCLONE	IA	A
DACOTAH	SD	B
DIAMOND	AR	A
DOG FISH	MN	M
DOGWOOD	AR	B
DOMINO	NJ	M
EAGLE	FL	A
EAGLE NEST	TX	B
EMPIRE	NY	B
FATHER	MT	B
FIR	WA	B
FIREBRAND	HI	B
FLIGHT STONE	PA	A
FREEDOM	MA	B
GABBY	DE	B
GASWELL	OK	A
GERONIMO	AZ	M
GOLD CHIP	TN	A
GOLD EAGLE	TX	M
GOLDEN ROD	AL	B
GRAY HAWK	OH	M
GREEN FIRE	IN	A
GREEN FLITE	VA	M
HIBOY	HI	A
HIGHLAND	WV	A
HORNET	ID	A
HOT ROD	AL	M
HURRICANE	PR	A
JACK	WY	A
JAY BIRD	MO	M
JAYHAWK BAT	KS	A
JAYHAWK BUG	KS	M
JAYHAWK POST	KS	B
JET	MD	A
JET PILOT	KY	A
KEYSTONE	PA	B
KIDDY KAR	SC	B
KING	WY	B
LITTLE RHODY	RI	M
LOWLAND	WV	B
MAD DOG	NC	A
MAGNOLIA	LA	B
MAGPIE	ID	B
MANDAN	SD	M
MANSFIELD	VT	A
MAPLE	WA	M
MARBLE	VT	M
MEADOWLARK	NE	A
MIDDLEGROUND	KY	B
MOBILE	HI	M
MOCKING BIRD	MS	B
MOHAWK	ND	A
MOTHER	MT	M
MUSKRAT	LA	M
NAVAJO	NM	A
NORTH WIND	NV	B
NUTMEG	CT	B
OILWELL	OK	M
OVERLAND	WV	M
PELICAN	LA	A
PICO	VT	B
PIKES PEAK	CO	B
PINEAPPLE	PR	B
PINEAYR	MD	A
PINEKARR	ME	B
PINE TREE	LA	B
PLANT	MD	B
PROFILE	NH	B
PUEBLO	NM	B
QUEEN	WY	M
RABBIT	ID	M
RAMBLER	CT	M
RAMROD	AL	A
RAZORBACK	AR	M
RED BIRD	MO	M
RED CHIP	TN	M
RED DOG	NC	B
RED FIRE	IN	B
RED FLITE	VA	A
RED FOX	IL	B
RED RIVER	CO	M
RED ROBIN	MI	B
RED SPIDER	NV	A
RED STAR	GA	B
RHODY	RI	B
ROCKET	CT	A
ROLLING STONE	PA	M
SAUCER	NH	A
SCOOTER	WI	M
SIDE KAR	SC	M
SIOUX	ND	M
SNOW BIRD	MN	A
SOONER	OK	B
SOURDOUGH	AK	B
SPARROW	FL	B
STAR FISH	MN	B
SUGAR	PR	M
THUNDERBIRD	AZ	B
TOMAHAWK	AZ	A
TOMCAT	NY	M
TUG	MD	M
UNCLE ABLE	UT	A
UNCLE MIKE	UT	M
UNCLE WILLIE	UT	B
VAGABOND	DE	B
WHIRLAWAY	KY	M
WHITE BEAR	CA	B
WHITE HAWK	OH	A
WHITE ROBIN	MI	M
WHITE STAR	GA	M
YELLOW FOX	IL	M
YELLOW JACKET	NV	M
ZIGZAG	NJ	B
ZUNI	NM	M

CAP REGIONAL UNITS

GREAT LAKES	KSF248
MIDDLE EASTERN	KIL769
NORTH CENTRAL	KAJ5Ø6
NORTHEASTERN	KGC632
PACIFIC	KMG664
ROCKY MOUNTAIN	KAI562
SOUTHEASTERN	KIJ96Ø
SOUTHWESTERN	KKQ266

DEPT OF AGRICULTURE
FORESTRY SERVICE

KAC2Ø4 STEAMBOAT CO
KAC2Ø5 WALDEN CO
KKE71Ø TAOS NM
KKE711 CANJILON NM
KKE712 VAQUEROS NM
KKE727 MIMBRES NM
KKE73Ø SILVER CY NM
KKE731 MUGOLLON NM
KKE732 WILLOW CRK NM
KKE735 MAYHILL NM
KKE736 MESA NM
KKE738 CAPITAN NM
KKE739 WOFFORD NM
KKE74Ø SANTA FE NM
KKE742 COYOTE NM
KKE744 CUBA NM
KMB658 ESCONDIDO CA
KMB66Ø PLACERVILLE CA
KMB661 GEORGETOWN CA
KMB662 PACIFIC CA
KMB663 LUMBERYARD CA
KMB664 MEYERS CA
KMB666 HAYFRK BALLY CA
KMB67Ø BISHOP CA
KMB671 LONE PINE CA
KMB672 CASA VIEJA CA
KMB673 TUNNEL CA
KMB674 LEEVENING CA
KMB675 MAMMOUTH CA
KMB679 SILVER PEAK CA
KMB68Ø YREKA CA
KMB689 TURNER MTN CA
KMB69Ø SUSANVILLE CA
KMB7ØØ ALTURAS CA
KMB7Ø2 HAPPY CAMP CA
KMB71Ø WILLOWS CA
KMB72Ø STA BARBARA CA
KMB727 KING CY CA
KMB74Ø PORTERVLLE CA
KMB741 TOBJAS CA
KMB742 SPRINGVILLE CA
KMB747 SHIRLEY PK CA
KMB748 CUYAMACA PK CA
KMB75Ø CLOVER MDW CA
KMB751 HI SIERRA CA
KMB752 GOAT MTN - CA
KMB753 HORSE MTN CA
KMB755 EUREKA CA
KMB76Ø NEVADA CY CA
KMB761 BANNER MTN CA
KMB77Ø WEAVERVILLE CA
KMB771 NORTHFORK CA
KMB779 SONORA CA
KMB784 TELEGRPH HILL CA
KMB787 RUBY BLUFF CA
KMB79Ø ARCADIA CA
KMB799 SANTIAGO PK CA
KME2Ø SAN BERNRDNO CA
KME21 STA BARBARA CA
KME22 ARCADIA CA
KME23 ESCONDIDO CA
KME24 SONORA CA
KME25 MT SHASTA CA
KME26 NORTHFORK CA
KOC2Ø7 POWELL STA ID
KOC223 WATERSMEET MI
KOC226 AUGUSTA MT
KOC227 BELT CREEK WY
KOC228 STANFORD MT
KOC23Ø HELENA MT
KOC245 CORAM MT
KOC246 SPOTTED BEAR MT
KOC283 SPRINGERVLLE AZ
KOC285 ESCUDILLA LKT AZ
KOC297 LARAMIE WY
KOC298 PORTLAND OR
KOC299 PENDLETON OR
KOC3ØØ BOISE ID
KOC3Ø1 SHAFER BUTTE ID
KOC3Ø3 CASCADE ID
KOC3Ø6 LANDMARK ID
KOC319 KENNERER WY
KOC32Ø COKEVILLE WY
KOC321 BIG PINEY WY
KOC322 LA BARGE WY
KOC323 PINEDALE WY
KOC324 AFTON WY
KOC325 BEDFORD WY
KOC358 BURLEY ID
KOC359 TWIN FALLS ID
KOC36Ø ROCK CREEK ID
KOC361 OAKLEY ID
KOC362 ALBION ID
KOC363 MALTA ID
KOC381 HAILEY ID
KOC4ØØ RENO NV
KOC41Ø SALT LK CY UT
KOC415 SAFFORD AZ
KOC416 ROSE PARK AZ
KOC418 COLUMBINE AZ
KOC42Ø FREDONIA AZ
KOC422 WILLIAMS AZ
KOC423 PRESCOTT AZ
KOC428 HOLBROOK AZ
KOC436 FLAGSTAFF AZ
KOC437 EDEN MTN AZ
KOC446 SEATTLE WA
KOC447 BOISE ID
KOC448 MISSOULA MT
KOC451 MCKENZIE BRDG OR
KOC455 UNIVERSTY MTN MT
KOC518 SWIFT CURR LKT MT
KOC526 SIGNAL PEAK WA
KOC527 SIGNAL PEAK WA
KOC528 JENNIES BUTTE WA
KOC529 STATUS PEAK WA
KOC53Ø GRAYBACK WA
KOC531 BARLAND MTN WA
KOC532 SIMCOE MT
KOD59 COVILLE WA
KOD6Ø SANDPOINT ID
KOD61 COEUR DALENE ID
KOD62 S MARIES ID
KOD63 OROFINO ID
KOD64 GRANGEVILLE ID
KOD65 THMPSN FLS MT
KOD66 LIBBY MT
KOD67 KALISPELL MT
KOD68 HAMILTON MT
KOD69 MAMMTH HOT SPR MT
KOD7Ø MISSOULA MT
KOD71 W GLACIER MT
KOD72 MC CALL ID
KOD73 SALMON ID
KOD74 CHALLIS ID
KOD75 IDAHO CY ID
KOE551 BALKYHILL TSP WA
KOE56Ø OVERTURF BUTTE OR
KOE564 BLK CAP PT OR
KOE569 HEMLOCK WA
KOE574 RANDLE WA
KOE576 JOHN DAY OR
KOE577 BEAR VLY OR
KOE58Ø GLACIER WA
KOE582 CONCRETE WA
KOE586 RUBY CRK STA WA
KOE588 DARRINGTON WA
KOE593 COLMBIA GORGE OR
KOE598 ZIGZAG STA OR
KOE6Ø6 BURNS BUTTE OR
KOE613 SNIDER STA WA
KOE615 QUILCENE STA WA
KOE627 PELICAN BUTTE OR
KOE633 GRANTS PASS OR
KOE634 POWERS OR
KOE635 AGNESS OR
KOE636 GALICE OR
KOE637 CAVE JCT OR
KOE638 CHETCO OR
KOE64Ø ONION MTN OR
KOE642 MC GRIBBLE OR
KOE643 WESTMORE OR
KOE644 EDEN RDG OR
KOE645 FORDS CAMP OR
KOE647 WALDPORT STA OR
KOE65Ø SEATTLE WA
KOE651 N BEND OR
KOE666 CABBAGE HILL OR
KOE682 ENTERPRISE OR
KOE686 LEAVENWORTH WA
KOE689 STEVENS PASS WA
KOE692 BAKER OR
KOE693 MT EMILY OR
N-6814-S AIRCRAFT
WC4589 SCOW #6 (SHIP)
SITKA RANGER
TONGASS RANGER
HAVEN

DEPT OF DEFENSE
ATOMIC SUPPORT AGCY
KIPF ACANIA (VESSEL)

FEDERAL AVIATION ADMIN

KAB34 TUCUMCARI NM
KAC26 CORDOVA AK
KAE21 LANSING MI
KAH94 HAINES AK
KAJ28 JUNEAU AK
KAK2Ø KODIAK AK
KAL38 LIHUE HI
KAM24 MINCHUMINA AK
KAN34 CHATTANOOGA TN
KAO28 ELIZABETH NC
KAO31 BATON ROUGE LA
KAP24 MIDLAND TX
KAR28 ODESSA TX
KAS24 SISTERS I AK
KAU51 UNALAKLEET AK
KAV83 TALKEETNA AK
KAW27 SITKA AK
KAZ28 ANIAK AK
KBB54 BETHEL AK
KBD82 BIG DELTA AK
KBE43 BETTLES AK
KBF94 FAIRBANKS AK
KBH49 HILO HI
KBH85 COFIELD NC
KBJ85 NORTHWAY AK
KBL69 KENAI AK
KBN58 NOME AK
KBN72 SAVANNAH GA
KBQ25 FT WORTH TX
KBØ67 TANANA AK
KBR71 JUNCTION TX
KBS48 SUMMIT AK
KBU29 SPRINGFLD IL
KBX44 ANCHORAGE AK
KBY33 SANTA FE NM
KBZ8Ø GREER SC
KCA2Ø N PLATTE NE
KCA29 LK CHARLES LA
KCA37 BROWNSVL TX
KCA58 RALEIGH NC
KCB22 COLD BAY AK
KCC97 DIAMND HD HI
KCD2Ø TAOS NM
KCD72 GUAM MI
KCD73 ISLIP NY
KCF31 FAREWELL AK
KCG31 GALENA AK
KCH2Ø HOMER AK
KCJ2Ø FARMINGTON MN
KCJ7Ø AUBURN WA
KCK35 KING SALMON AK
KCK47 LAFAYETTE LA
KCP63 LONGMONT CO
KCR6Ø MC GRATH AK
KCU94 KAHULUI HI
KDC2Ø SALT LK CY UT
KDC55 LOMETA TX
KDM44 MESA RICA NM
KDM45 SAN JUAN PR
KDM47 FT WORTH TX
KDM48 PAGO PAGO AS
KDM49 ATLANTA GA
KDM5Ø HAMPTON GA
KDM51 MERIDIAN MS
KDM52 MEMPHIS TN
KDM53 ANCHORAGE AK
KDP37 SILVER CY NM
KDQ21 WILMINGTON NC
KEA37 ALBUQUERQUE NM
KEA82 ZUNI NM
KEB24 GREEN BAY WI
KEB66 HOUMA LA
KED54 BALBOA CZ
KED67 BEAUMONT TX
KEE67 CHANDALAR LK AK
KEF63 LYNCH KY
KEG95 GULFPORT MS
KEH74 W PALM BCH FL
KEJ28 KOTZEBUE AK
KEM8Ø WASH DC (HQ)
KEK41 JAMAICA NY
KEX63 TAMPA FL
KFC87 KNOXVLLE TN
KFS8Ø GARDEN CY KS
KGA25 GULKANA AK
KGA32 HONOLULU HI
KGA46 FARMINGTON NM
KGB2Ø MIDDLETN I AK
KGC34 PENSACOLA FL
KGC36 PALACIOS TX
KGD33 SKWENTNA AK
KGG2Ø GUSTAVUS AK
KGH23 ALBUQUERQUE NM
KGJ42 ST PAUL MN
KIA21 OKLA CITY OK
KIA48 SAN ANTONIO TX
KIC3Ø HOUSTON TX
KIN8Ø GT FALLS MT
KIS7Ø ANCHORAGE AK
KIT88 MARTINSBG WV
KJB35 CORPS CHRSTI TX
KJB96 AURORA IL
KJK73 LOS ANGELES CA
KJK74 FAIRBANKS AK
KJK75 SANTA BARB CA
KJK76 RONKONKOMA NY
KJK77 PALMDALE CA
KJK78 JOHNSTNE PT AK
KJK79 HILLIARD FL
KJK8Ø LEESBURG VA
KJK81 NASHUA NH
KJK82 JAMAICA NY
KKA36 TALLAHESSEE FL
KKA82 OLATHE KS
KKD5Ø DENTON TX
KKD61 HINCHNBRK AK
KKE47 DILLINGHM AK
KKU4Ø KANSAS CY MO
KKU5Ø BISMARCK ND
KKU51 PIERRE SD
KKU54 PORTLAND ME
KKU56 HOULTON ME
KKU7Ø AUGUSTA ME
KKU8Ø BANGOR ME
KKU84 RENO NV
KKV2Ø LAS VEGAS NV
KKV65 RED BLUFF CA
KKV96 ONTARIO CA
KKW22 PITTSBGH PA
KKW23 BRISTOL TN
KKW51 ASHEVILLE NC
KKW89 WASH DC
KKW92 YAKUTAT AK
KKX7Ø CROSSVILLE TN
KKY21 KETCHIKAN AK
KKY44 OMAHA NE
KKY5Ø TOPEKA KS
KKY51 ST LOUIS MO
KKY52 PROVIDENCE RI
KKY53 MILWAUKEE WI
KKY54 GREENWOOD MS
KKY71 ALBANY NY
KKY72 SO BEND IN
KKY94 BALTIMORE MD
KKZ26 SPRINGFLD MO
KKZ27 BEDFORD VA
KKZ68 WICHITA KS
KKZ69 BURLINGTON VT
KKZ74 MOLINE IL
KKZ75 BUFFALO NY
KLA2Ø KANSAS CY MO
KLA21 VANDALIA IL
KLA23 MC COMB KS
KLA25 OBERLIN OH
KLB48 INDIANAPOLIS IN
KLB79 COLUMBUS OH
KLB78 CHARLESTON WV
KLC41 DUBOIS PA
KLC46 NEWARK NJ
KLC48 MONTGOMERY AL
KLD27 GR RAPIDS MI
KLD46 NORFOLK VA
KLD57 ROANOKE VA
KLD58 INDIANAPOLIS IN
KLD69 CLEVELAND OH
KLD7Ø NASHUA NH
KLD73 MINNEAPOLIS MN
KLD81 WILKES BARRE PA
KLD95 KEY WEST FL
KLE72 CHICAGO IL
KLE8Ø DETROIT MI
KLE86 MEMPHIS TN
KLF21 N CANTON OH
KLF28 PUNTILLA LK AK
KLF28 ST JOSEPH MO
KLF74 SCOTTSBLUFF NE
KLG27 CHICAGO IL
KLG77 HUTCHINSON KS
KLH6Ø PATRICK AFB FL
KLH7Ø MURPHY DOME AK
KLH72 NANTUCKET MA
KLI51 LANAI HI
KLI52 KEAHOLE HI
KLI79 WAIMANALO HI
KLJ26 DALL/FT WORTH TX
KLK48 MOLOKAI HI
KLM37 TUSCALOOSA AL
KLM92 HAGERSTOWN MD
KLM93 LINDEN VA
KLM94 STARR HILL NY
KLN8Ø ATLANTIC CY NJ
KMA47 MIAMI FL
KMA5Ø BIORKA I AK
KMJ2Ø MOBILE AL
KMR96 FREMONT CA
KMU31 HOUSTON TX
KNH47 LONDON KY
KOB92 SHREVEPORT LA
KOJ77 LOS ANGELES CA
KOR82 ORLANDO FL
KOS41 OKLA CITY OK
KPA54 WICHITA FLS TX
KPG44 MISSOULA MT
KQA59 LEVEL I AK
KSA75 HONOLULU HI
KSB53 ST THOMAS VI
KSE31 PANAMA CY FL
KSF7Ø TRACY CA
KUA21 GAINESVILLE FL
KUQ95 BRUNSWICK GA
KUR64 CHARLESTON SC
KUR65 MYRTLE BCH SC
KUR66 NEW BERN NC
KUR67 VALDOSTA GA
KUR68 DOTHAN AL
KUR87 HATTIESBRG MS
KUS79 FLORENCE SC
KUU58 CRESTVIEW FL
KUU97 ST CROIX VI
KUV5Ø BIMINI I BAH
KUV62 ATLANTA GA
KUV64 ATLANTA GA
KUV7Ø NASHVILLE TN
KUW42 LOUISVILLE KY
KUX58 COVINGTON KY
KUX86 LEXINGTON KY
KUY73 GREENSBORO NC
KUZ31 COLUMBIA SC
KUZ66 AUGUSTA GA
KVA27 MACON GA
KVA92 COLUMBUS GA
KVA93 BIRMINGHAM AL
KVA94 JACKSON MS
KVA95 HUNTSVILLE AL
KVH4Ø SARASOTA FL
KVM7Ø EWA HI
KWF53 FT MYERS FL
KXC7Ø MELBOURNE FL
KXG85 DAYTONA FL
WBR7Ø PERRINE FL
WEK71 NEW ORLEANS FL
WFP7Ø ST CROIX VI
WHX2Ø SEATTLE FL
WHX21 MOBILE AL
WHX22 BOISE ID
WHX25 EUGENE OR
WHX26 MEDFORD OR
WHX27 REDMOND OR
WHX3Ø OLYMPIA WA
WHX33 PASCO WA
WHX35 MEDFORD OR
WHX37 POCATELLO ID
WHX39 REDMOND OR
WHX4Ø PORTLAND OR
WHX41 BOISE ID
WHX42 SPOKANE WA
WHX44 MT KAALA HI
WHX45 BURLINGTON MA
WHX46 DENVER CO
WHX47 VERO BCH FL
WHX48 ST PETE FL
WHX49 JACKSONVL FL
WHX5Ø MIAMI FL
WHX51 DES PLAINES IL
WHX52 ANCHORAGE AK
WHX55 TELFERS I CZ

WHX57 DES MOINES IA
WHX58 COLUMBIA MO
WHZ7Ø TELFERS I CZ
WHZ71 FT LAUDERDALE FL
WRW7Ø CIBUCO PR
WSG7Ø ALMA GA
WSX7Ø KENAI AK
WSY7Ø SAYVILLE NY
WWQ7Ø ST THOMAS VI

FEDERAL BUR INVESTIG

KAC925 DULUTH MN
KAC929 GR FORKS ND
KAC932 MINOT ND
KAC933 BEMIDJI MN
KCB8ØØ BOSTON MA
KEC254 WATERTOWN NY
KEC256 SYRACUSE NY
KEC257 UTICA NY
KEC258 BURLINGTON VT
KEC259 PLATTSBRG NY
KEC261 GLENS FLS NY
KEC27Ø NEW YORK NY
KEC271 NY
KEC272 HAUPPAUGE NY
KEC273 GARDEN CITY NY
KEC277 JAMAICA NY
KEC278 POUGHKEEPSIE NY
KEC279 NY
KEC28Ø STATEN ISL NY
KEC281 RICHMND HLS NY
KEC283 NEW ROCHELLE NY
KEV3ØØ MIAMI FL
KEV3Ø1 FT LAUDL FL
KEV3Ø2 W PALM BCH FL
KEV3Ø4 HOMESTEAD FL
KEV3Ø5 KEY WEST FL
KEX34Ø VA
KEX59Ø BUFFALO NY
KEX591 ROCHESTER NY
KEX592 GENEVA NY
KEX593 JAMESTOWN NY
KEX595 NIAGARA FLS NY
KEX6ØØ NEW HAVEN CT
KEX6Ø1 CT
KEX6Ø2 CT
KEX6Ø3 CT
KEX6Ø4 CT
KEX6Ø5 CT
KEX6Ø6 CT
KEX6Ø7 CT
KEX62Ø NEWARK NJ
KEX621 PATERSON NJ
KEX622 PISCATAWAY NJ
KEX623 TRENTON NJ
KEX624 CAMDEN NJ
KEX625 SEA GIRT NJ(?)
KEX626 RED BANK NJ
KEX628 HACKENSACK NJ
KEX64Ø PHILADELPHIA PA
KEX641 HARRISBURG PA
KEX643 SCRANTON PA
KEX644 WILKES-BARRE PA
KEX645 ALLENTOWN PA
KEX648 LANSDALE PA
KEX65Ø NEWTOWN SQ PA
KEX651 WILLIAMSPORT PA
KEX652 STATE COLL PA
KEX68Ø SAN DIEGO CA
KEX693 OCEANSIDE CA
KEX694 EL CENTRO CA
KEX7ØØ PHOENIX AZ
KEX7Ø1 TUCSON AZ
KEX7Ø2 SAFFORD AZ
KEX7Ø3 NOGALES AZ
KEX7Ø4 MESA AZ
KEX7Ø6 YUMA AZ
KEX74Ø CLEVELAND OH
KEX741 AKRON OH
KEX742 TOLEDO OH
KEX743 YOUNGSTOWN OH
KEX744 PAINESVL OH
KEX75Ø SANDUSKY OH
KEX76Ø DETROIT MI
KEX762 FLINT MI
KEX763 MONROE MI
KEX764 BAY CY MI
KEX767 MARQUETTE MI
KEX768 S STE MARIE MI
KEX77Ø S STE MARIE MI
KEX772 TRAVERSE MI
KEX844 DEL RIO TX
KEX845 LAREDO TX
KEX846 MC ALLEN TX
KEX847 BROWNSVL TX
KFP959 SAN ANGELO TX
KIE34Ø MOBILE AL
KKF9ØØ ALBUQUERQUE NM
KKF9Ø5 LAS CRUCES NM
KKF9Ø9 ALAMOGORDO NM
KK791Ø DEMING NM
KKF92Ø EL PASO TX
KKF928 CORPS CHRSTI TX
KMC268 PALM SPRGS CA
KMC27Ø INDIO CA
KOD2ØØ BUTTE MT
KOD2Ø7 GR FALLS MT
KOD2Ø8 CR D ALENE ID
KOD2Ø9 GLASGOW MT
KOD21Ø KALISPELL MT
KOD22Ø SEATTLE WA
KOD222 BREMERTON WA
KOD223 BELLINGHAM WA
KOD224 SPOKANE WA
KOD232 WENATCHEE WA
KSC21Ø CHICAGO IL
KSC221 SUPERIOR WI
KUA27Ø HONOLULU HI

KWA291 ANCHORAGE AK
WWA29Ø SAN JUAN PR
WWA291 CRL AMALIE VI
WWA292 FAJARDO PR
WWA293 PONCE PR
WWA294 AGUADILLA PR
"BILLY" SEE KEX651
"BUCK" SEE KEX644
"CAPITOL" SEE KEX641
"CENTRAL" SEE KEX64Ø
"ELK" SEE KEX643
"LION" SEE KEX652
"NORTH" SEE KEX648
"ROAMER" SEE KEX645
"WEST" SEE KEX65Ø
"M-1Ø" SEE KEC271
"M-11" SEE KEC271
"R-H" SEE KEC281
"ZEBRA" MOBILES KEC272

FEDERAL COMMUNICATIONS COMMISSION

KAA459 KANSAS CITY MO
KAA53Ø DENVER CO
KAA533 ST PAUL MN
KCA4Ø4 BOSTON MA
KEA468 BUFFALO NY
KEA469 NEW YORK NY ("W6")
KGA362 BALTIMORE MD
KGA363 PHILADELPHIA PA
KIA687 ATLANTA GA
KIA689 MIAMI FL
KIA691 NORFOLK VA
KIA695 SAVANNAH GA
KIA697 TAMPA FL
KKA919 DALLAS TX
KKA921 HOUSTON TX
KKA922 NEW ORLEANS LA
KMA485 LOS ANGELES CA
KMA487 SAN FRANCISCO
KOA487 PORTLAND OR
KOA489 SEATTLE WA
KQA488 DETROIT MI
KSA459 CHICAGO IL
KUA2Ø9 HONOLULU HI
WWQ92Ø SAN JUAN PR

INT'L BOUNDARY & WATER COMMISSION (US/MEXICO)

KAN893 EL PASO TX
KAN894 CABALLO NM
KAN895 BORREGO TX
KAP333 ANZALDUAS DAM TX
KCT286 ZAPATA TX
KCT287 AMISTAD DAM TX
KCT288 AMISTAD DAM TX
KCT289 COMSTOCK TX
KCT29Ø YUMA AZ
KDE6Ø1 EL PASO TX
KDE6Ø2 CANUTILLO TX
KDE6Ø3 HARLINGEN TX
KDE6Ø4 ANZALDUAS DAM TX
KDE6Ø5 RIO GRANDE CY TX
KDE6Ø6 ROMA TX
KDE6Ø7 PRESIDIO TX
KDE6Ø8 LAS CRUCES NM
KDE6Ø9 HATCH NM
KDE61Ø LOS EBANOS TX
KDE611 HAYNER NM
KDE612 LEASBURG NM
KDE613 FT HANCOCK NM
KDE614 AMISTAD DAM TX
KKE912 FALCON DAM TX
KK1871 HARLINGEN TX
KKP24 EL PASO TX
KKP25 FALCON DAM TX
KKP26 AMISTAD DAM TX
KKP27 HARLINGEN TX
KC239Ø MOBILES

FISH & WILDLIFE SVC

KCC6ØØ MOOSEHORN ME
KEC66Ø MONTEZUMA NY
KKF6Ø5 ARANSAS TX
KKF61Ø LAGUNATSCOT TX
KKF611 S ANA REFUGE TX
KKF612 SAN BENITO TX
KMC6ØØ SALTON SEA CA
N-718 AIRCRAFT (IDAHO)
N-767 AIRCRAFT
KWZE BLACK BEAR
WTDB BRANT
WTDC CRANE
WTDE TEAL
WTDF SCOTER
WTDG JOHN R MANNING
WTDH PENGUIN
WTDI HUGH M SMITH
WTDK BLUE WING
WTDL UNDAUNTED
WTDT THEODORE N GILL
WTFA AUKLET
WTFD MERGANSER
WTFE MURRE
WTFG SHEARWATER
WTFH WIDGEON
WTFJ PELICAN
WTFX PHALAROPE II
WXT5893 G B HERON
WZ2ØØ2 SPEEDBOAT #11
WZ2ØØ7 PATROL BOAT
WZ2ØØ8 PATROL BOAT
WZ2Ø1Ø GRIZZLY BEAR
WZ2Ø11 COOT
WZ2Ø13 HERON

WZ2Ø16 SPEEDBOAT #1Ø
WZ2Ø17 ALBATROSS III
WZ2Ø19 POMPANO
WZ2Ø2Ø DAVID STAR JORDAN
WZ2Ø22 OREGON
WZ2Ø23 JOHN N COBB
WZ2Ø24 ALASKA
WZ2Ø25 FWS-1227
WZ2Ø27 FWS-9Ø5
WZ2Ø28 FWS-1451
WZ2Ø29 FWS-19
WZ2Ø3Ø FWS-145Ø
WZ2Ø31 FWS-2Ø
WZ2Ø32 CANVASBACK

IMMIGRATION & NAT (INCL BORDER PATROL)

KAD2ØØ WASH DC
KAD21Ø RICHMOND VA
KAD22Ø MIAMI FL
KAD221 TAMPA FL
KAD252 ST JOHN VI
KAD254 CHRISTNST VI
KAD258 SAN JUAN PR
KAD259 CH AMALIE VI
KAD26Ø NEW ORLEANS LA
KAD261 MOBILE AL
KAD262 PENSACOLA FL
KAD263 LAKE CHAS LA
KAD264 BATON ROUGE LA
KAD265 GULFPORT MS
KAD6ØØ NEW YORK NY
KAD616 VAN BUREN ME
KAD62Ø HOULTON ME
KAD622 CALAIS ME
KAD624 VAN BUREN ME
KAD626 JACKMAN ME
KAD64Ø ST ALBANS VT
KAD641 ROUSES PNT NY
KAD644 DERBY LINE VT
KAD646 CONNECTICUT NH
KAD65Ø BURLINGTON VT
KAD66Ø OGDENSBURG NY
KAD667 WATERTOWN NY
KAD68Ø BUFFALO NY
KAK7ØØ DETROIT MI
KAK7Ø1 TRENTON MI
KAK7Ø2 PT HURON MI
KAK7Ø3 SLT STE MARIE MI
KAK7Ø5 PT HURON KI
KAK72Ø GR FORKS ND
KAK721 INT'L FLS MN
KAK722 PEMBINA ND
KAK723 PORTAL ND
KAK724 PINE CRK MN
KAK725 NOYES MN
KAK73Ø ST PAUL MN
KAK739 CHICAGO IL
KAK74Ø HAVRE MT
KAK741 SWEETGRASS MT
KAK742 OPHEIM MT
KAK751 WOLF PT MT
KAK76Ø SPOKANE WA
KAK761 BONNERS FY ID
KAK762 KETTLE FLS WA
KAK78Ø BLAINE WA
KAK782 SEATTLE WA
KAK783 LYNDEN WA
KAK786 LYNDEN WA
KAK8ØØ LIVERMORE CA
KAK82Ø CHULA VISTA CA
KAK83Ø SN PEDRO CA
KAK84Ø EL CENTRO CA
KAK85Ø YUMA AZ
KAK86Ø TUCSON AZ
KAK865 NOGALES AZ
KAK866 DOUGLAS AZ
KAK872 LOCHIEL AZ
KAK88Ø EL PASO TX
KAK885 COLUMBUS NM
KAK899 EL PASO TX
KAK9ØØ MARFA TX
KAK9Ø4 PRESIDIO TX
KAK92Ø DEL RIO TX
KAK922 SONORA TX
KAK94Ø LAREDO TX
KAK941 SAN ANTONIO TX
KAK96Ø MC ALLEN TX
KAK964 MERCEDES TX
KAK98Ø BROWNSVLLE TX
N4335Z AIRCRAFT
N4382Z AIRCRAFT

NASA
THE ERL (VESSEL)

NATIONAL PARK SVC

KAC7ØØ CASA VERDE NP CO
KAC715 ROCKY MT NP CO
KAC725 SHADOW MT NRA CO
KAC735 BLACK CANYON CO
KAC74Ø WIND CAVE NP SD
KAC741 DEVILS TRL NMON WY
KAC744 BADLANDS NMON SD
KAC745 RAPID CITY SD
KAC75Ø JEWEL CAVE NMON SD
KAC751 MT RUSHMORE SD
KAF2Ø COLORADO NMON CO
KAF21 GT SAND DUNES CO
KBA FT JEFFERSON NMON FL
KIE784 PINE ISL FL
KIE785 PR WILLIAM FOR VA
KKF3ØØ ALBUQUERQUE NM
KKF3Ø1 ESCALANTE UT
KKF3Ø2 ESCALANTE RVR UT
KKF7ØØ EL MORRO NMON NM
KKF7Ø5 CHACO CANYN NMON NM

KKF7Ø7 BANDELIER NMON NM
KKF71Ø BIG BEND NP TX
KKF724 CARLSBAD CVRNS NM
KKF733 YARBORO TX
KKH2Ø SANTA FE NM
KKH21 AZTEC RUINS NMON NM
KKH22 CAPULIN MT NMON NM
KKH23 GRAN QUIVIRA NMON NM
KKH24 WHITE SANDS NMON NM
KMC7ØØ LASSEN VOLC NP CA
KMC71Ø LAVA BEDS NMON CA
KMC715 YOSEMITE NP CA
KMC735 KINGS CANYN NP CA
KMC736 SEQUOIA NP CA
KMC785 DEATH VLY NP CA
KOC5Ø5 PHOENIX AZ
KOC51Ø PORTLAND OR
KOC525 YAKIMA WA
KOC545 HOQUAIM WA
KOC55Ø EVERETT WA
KOC555 WARM SPGS OR
KOC7ØØ MAMMOUTH WY
KOC725 GR CANYON NP AZ
KOC726 GR CANYON NP AZ
KOC735 CRATER LK OR
KOC74Ø OREGON CAVES OR
KOC77Ø ZION NP UT
KOC771 CEDAR BREAKS NMON UT
KOC785 BRYCE CANYN NP UT
KOC83Ø FT PECK MT
KOD3ØØ HOLBROOK AZ
KOD57Ø COLVILLE RSV WA
KOD59Ø UMATILLA OR
KOD715 MT RANIER NP WA
KOD73Ø OLYMPIC NP WA
KOD745 SAGUARO NMON AZ
KOD749 OLYMPIC NP WA
KOD755 BOULDER CY NV
KOD76Ø LEHMAN CVS NMON AZ
KOD78Ø CAPTL REEF NMON UT
KOD789 CHIRICAHUA NMON AZ
KOD791 WALNUT CNYN NMON AZ
KOD792 WUPATKI NMON AZ
KOD793 DEWEY DAM KY
KOE7ØØ ORGAN PIPE CTUS AZ
KOE7Ø4 NAVAJO NMON AZ
KOE7Ø6 GR COULEE DAM WA
KOE716 SUNSET CRTR NMON AZ
KOE717 TIMPANOGOS NMON UT
KOE72Ø GLACIER NP MT
KOG27 ARCHES NMON UT
KOG28 CANYN DE CHELLY AZ
KOG29 CASA GRANDE NMON AZ
KOG3Ø MONTEZUMA NMON AZ
KOG31 MONTEZUMA NMON AZ
KOG32 NAT BRIDGES NMON UT
KOG33 RAINBOW BRDG NMON UT
KOG34 TONTO NMON AZ
KOG35 TUCUMCARI NMON AZ
KOG36 TUZIGOOT NMON AZ
KOG37 PIPE SPRNG NMON AZ
KOG38 GR CANYON NMON AZ
KOI798 TUCUMCARI NMON AZ
KOJ71Ø LEHMAN CVS NMON NV
KOJ729 GRND CANYN NMON AZ
KOJ745 SAGURO NMON AZ
KOJ77Ø ZION NP UT
KOJ771 ZION NP UT
KOJ775 CEDAR BRKS NMON UT
KOJ776 BRYCE CANYN NP UT
KOJ777 TONTO NMON AZ
KOJ778 CORONADO NMON AZ
KOJ78Ø CAPITOL REEF NMON UT
KOJ781 CHIRICAHUA NMON AZ
KOJ782 WALNUT CANYN NMON AZ
KOJ783 WUPATKI NMON AZ
KOJ784 ORGAN PIPE NMON AZ
KOJ785 NAVAJO NMON AZ
KOJ787 ARCHES NMON UT
KOJ788 NATURAL BRDGS NMON UT
KOJ789 RAINBOW BRDG NMON UT
WWA369 CARIB NATL FOR PR
WZ2Ø52 RANGER (SHIP)
WZ2Ø57 TONAWANDA "
WZ2Ø59 FT JEFFERSON "
WZ2Ø6Ø J-8Ø1 "
RANGER III "
KETVIK "
TORTUGA "

NATIONAL SCI FOUNDTN
HERO (VESSEL)

NATIONAL WEATHER SERVICE COMMUNICATIONS STATIONS (DOES NOT INCLUDE NOAA VHF WEATHER BROADCAST)

KAE41 ALBUQUERQUE NM
KAE42 MILTON MA
KAE44 WINSLOW AZ
KAE46 ATHENS GA
KAE49 NAPLES FL
KAE5Ø STREVELL ID
KAE51 NANTUCKET MA
KCB45 MT WASHINGTON NH
KCB46 MT WASHINGTON NH
KCB47 ALBANY NY
KCB48 MT WASHINGTON NH
KCB49 BOISE ID
KCB5Ø BURRWOOD LA
KCB53 LK CHARLES LA
KCB85 BLAIRSVILLE PA
KCB89 BLANDING UT
KCB91 BLANDING UT
KEB83 BOSTON MA
KEB86 CAPE HATTERAS NC
KEB87 CAPE HATTERAS NC
KEB88 BLANDING UT

KEB89 BLANDING UT
KEB9Ø BLANDING UT
KEB91 BLANDING UT
KGD56 BURRWOOD LA
KGD57 NEW ORLEANS LA
KGD58 ANNETTE I AK
KGD64 ATHENS GA
KGD65 SHOW LOW AZ
KGD68 NEW ORLEANS LA
KGD71 MISSOULA MT
KGD72 WASHINGTON DC
KGD74 GALVESTON TX
KGD79 GAMBRILL PK MD
KID63 OBERLIN LA
KID73 PORTLAND ME
KID74 PORTLAND ME
KID75 NANTUCKET MA
KID76 GREEN RIVER UT
KID78 PITTSBURGH PA
KID81 PLATINUM AK
KKE44 WINSLOW AZ
KKE79 ELKO NV
KKE8Ø MTN VLG AK
KKE82 SALMON ID
KKE83 NORFOLK VA
KKE84 MOAB UT
KKE85 CORPS CHRIST TX
KKE86 PT ALEXNDR AK
KKE87 TATOOSH I WA
KKE88 ASTORIA OR
KME57 PORTLAND OR
KME6Ø WASH DC
KOE2Ø BOISE ID
KOE21 GR JUNCTN CO
KOE22 ROOSEVELT UT
KOE26 NEW ORLEANS LA
KOE27 ANCHORAGE AK
KOE28 BARROW AK
KOE29 BOSTON MA
KOE3Ø ST PAUL I AK
KQC48 POCATELLO ID
KSC43 GR JUNCTION CO
KSC44 KALISPELL MT
KSC46 SEATTLE WA
KUP54 OWYHEE NV
KUP55 ALBANY NY
KUP6Ø BURRWOOD LA
KUP62 W YELLOWSTONE MT
KUP64 OWYHEE NV
KWO41 CAPE HENRY VA
KWO44 MAUNA LOA HI
KC62Ø9 MOBILE WX STA #1
KC621Ø WASH DC MOBILE
KC6211 HILO HI MOBILE
KC6216 BOISE ID MOBILE
KC6217 PENDLETON OR MOB
KC6218 MISSOULA MT MOB
KC6219 PORTLAND OR MOB
KC622Ø SEATTLE WA MOB
KC6222 MOBILE WX STA #2
KC6223 HILO HI MOBILE

NOAA VESSELS & MOBILES

KNBD DELAWARE II
WMVF ALBATROSS IV
WTDA CHARLES A GILBERT
WTDD EIDER
WTDF TOWNSEND CROWELL
WTDM MILLER FREEMAN
WTEA DISCOVERER
WTEB FAIRWEATHER
WTEC BOWIE
WTED EXPLORER
WTEE MARMER
WTEF RAINIER
WTEG MT MITCHELL
WTEH LESTER JONES
WTEI HYDROGRAPHER
WTEM PATTON
WTEO PATHFINDER
WTEP OCEANOGRAPHER
WTEQ PIERCE S-238
WTER RESEARCHER
WTES SURVEYOR S-132
WTEW WHITING
WTEX HODGSON
WTEY WAINRIGHT
WA9337 POLARIS
WZ2Ø86 GEO CALLIO
WZ21Ø2 WATRES
WZ2189 (L A DISTRICT)
WZ25ØØ TO 265Ø (SMALL UNNAMED CRAFT)
WZ3388
WZ3392 (FISHER I FL)
WZ3395
DAVIDSON
LAZY
HECK
MC ARTHUR
RUDE
KA8128 TO 8134 MOBILES
KD7986 TO 8Ø85 MOBILES
KE82Ø8 TO 8234 MOBILES
KF37Ø8 TO 3746 MOBILES

PUB HEALTH SERVICE INDIAN HOSPITALS

KOJ565 WINDOW ROCK AZ
KOJ566 SHIPROCK NM
KOJ567 TUBA CITY AZ
KOJ571 CROWNPOINT NM

US ARMY ENGINEERS

WUA BOSTON MA
WUA21 BUZZRDS BAY MA
WUA22 SANDWICH MA

WUA23 WINKS NK MA
WUB2 CAVEN PT NJ
WUB4 BALTIMORE MD
WUB3Ø FT LEAVNWTH KS
WUB31 ATLANT CY NJ
WUB32 EDGEMOOR DE
WUB33 C&D CANAL MD
WUB35 LITTLE ROCK AR
WUB36 FT L WOOD MO
WUB37 FT MEADE SD
WUB38 FT SNELLING MN
WUB39 FT WARREN WY
WUB48 CASERTA WY
WUB311 C&D CANAL DE
WUB333 C&D CANAL DE
WUC KEY WEST FL
WUC4 SAVANNAH GA
WUC5 JACKSONVL FL
WUC6 MOBILE AL
WUC4Ø CLARK HILL SC
WUC41 SAVANNAH GA
WUC51 MIAMI BCH FL
WUC53 CLEWISTON FL
WUC61 PANAMA CY FL
WUC62 TUSCALOOSA AL
WUC66 WALDORF DAM FL
WUC531 LK HARBOR FL
WUC532 BELLE GLADE FL
WUC533 CANAL PT FL
WUC534 MOOR HVN FL
WUC535 ORTONA FL
WUC63Ø JACKSON AL
WUC632 TOMBIGBEE RVR AL
WUC633 OLIVER DAM AL
WUC634 EUTAW AL
WUC642 PEARL R#1 LA
WUC643 PEARL R#2 LA
WUC644 PEARL R#3 LA
WUD CHICAGO IL
WUD3 DETROIT MI
WUD4 CHICAGO IL
WUD6 ST PAUL MN
WUD7 ROCK ISL IL
WUD21 BLK RK LK NY
WUD31 ST MARY FLS MI
WUD42 LA GRANGE IL
WUD43 PEORIA IL
WUD44 JOLIET IL
WUD45 STARVD RK DM IL
WUD61 FOUNTAIN CY WI
WUD65 UP ANTHNY DM MN
WUD66 LW ANTHNY DM MN
WUD422 OBRIEN DAM IL
WUD432 PEORIA DAM IL
WUD441 LOCKPORT IL
WUD442 BRANDON DAM IL
WUD443 DRESDEN DAM IL
WUD444 MARSEILLES DM IL
WUD6Ø1 MPLS LOCK 1 MN
WUD6Ø2 MPLS LOCK 2 MN
WUD6Ø3 MPLS LOCK 3 MN
WUD6Ø4 MPLS LOCK 4 MN
WUD6Ø5 MINNEISKA MN
WUD6Ø6 TREMPEALEAU MN
WUD6Ø7 MPLS LOCK 7 MN
WUD6Ø8 MPLS LOCK 8 MN
WUD6Ø9 MPLS LOCK 9 MN
WUD61Ø MPLS LOCK 1Ø MN
WUD615 MPLS LOCK 5A MN

WUD711 LOCK 11 IA
WUD712 LOCK 12 IA
WUD713 LOCK 13 IA
WUD714 LOCK 14 IA
WUD715 LOCK 15 IL
WUD716 LOCK 16 IA
WUD717 LOCK 17 IL
WUD718 LOCK 18 IL
WUD719 LOCK 19 IA
WUD72Ø LOCK 2Ø MO
WUD721 LOCK 21 IL
WUD722 LOCK 22 IL
WUE AKRON OH
WUE3 PITTSBGH PA
WUE4 HUNTINGTN WV
WUE5 LOUISVILLE KY
WUE31 PITTSBGH PA
WUE32 TYGART WV
WUE41 MARIETTA OH
WUE61 CHATTANOOGA TN
WUE64 KY DAM KY
WUE68 BARKLEY LOCK KY
WUE2Ø6 NEW CUMBERLND PA
WUE211 LOCK 11 WV
WUE251 GOLCONDA IL
WUE254 MARKLAND DAM KY
WUE337 PIKE ISLAND
WUE344 TIONESTA PA
WUE345 YOUGHIOGN PA
WUE361 ELIZABETH PA
WUE421 ATWOOD DAM OH
WUE423 BLUESTONE WV
WUE425 BURR OAK OH
WUE426 CHAS MILL OH
WUE429 DEWEY DAM KY
WUE43Ø DOVER DAM OH
WUE431 LEESVL DAM OH
WUE432 MOHAWK DAM OH
WUE436 SENACAVLLE OH
WUE442 NEW PHILA OH
WUE6Ø2 HASTINGS MN
WUE6Ø4 LOCK "E" KY
WUE613 WHEELER LOCK AL
WUE614 GUNTERSVLLE AL
WUE616 WATTS BAR LK TN
WUE617 FT LINCOLN TN
WUF2 S ST PAUL MN
WUF3 ROCK ISL IL
WUF4 ST LOUIS MO
WUF31 KEOKUK IA
WUF41 CHESTER IL
WUF42 CLARKSVL MO
WUF43 WINFIELD MO
WUF44 ALTON IL
WUG NEW ORLEANS LA
WUG2 W MEMPHIS AR
WUG3 VICKSBRG MS
WUG4 NEW ORLEANS LA
WUG21 CAIRO IL
WUG23 HELENA AR
WUG3Ø VIDALIA LA
WUG32 PINE BLUFF AR
WUG33 GREENWOOD MS
WUG4Ø SHREVEPORT LA
WUG41 ALEXANDRIA LA
WUG43 LK CHARLES LA
WUG3Ø1 LK PROVDNC LA
WUG331 MARKS MS
WUG332 YAZOO CITY MS

WUG333 SARDIS DAM MS
WUH2 FT PECK MT
WUH3 BISMARCK ND
WUH5 KANSAS CY MO
WUH43 FT RANDALL SD
WUH52 NAPOLEON MO
WUH53 GASCONADE MO
WUH24Ø SIOUX CITY IA
WUH51Ø HARLAN DAM NE
WUH53Ø GLASGOW MO
WUI DALLAS TX
WUI2 LITTLE RK AR
WUI3 TULSA OK
WUI4 GALVESTON TX
WUI5 ALBUQUERQUE NM
WUI142 CORPS CHRSTI TX
WUI151 CONCHES DM NM
WUI152 J MARTIN CO
WUI21Ø BL MTN DAM AR
WUI211 BULL SHLS AR
WUI212 CLEARWATER MO
WUI213 NIMROD DM AR
WUI214 NORFOLK DM AR
WUI31Ø CANTON OK
WUI311 DENISON TX
WUI312 FALL RIVER KS
WUI313 GORE OK
WUI314 HULAH OK
WUI315 JET OK
WUI316 OKAY OK
WUI317 FT SUPPLY OK
WUI318 WISTER OK
WUI41Ø BAY CY TX
WUI415 PT ARTHUR TX
WUI42Ø PT LAVACA TX
WUI421 BROWNSVLLE TX
WUJ KEYPORT WA
WUJ3 PORTLAND OR
WUJ4 WALLA WALLA WA
WUJ21 MUD MT DM WA
WUJ33 THE DALLES OR
WUJ4Ø MCNARY LK WA
WUJ41 ICE HRBR WA
WUJ42 J DAY LOCK WA
WUJ31Ø FT STEVENS OR
WUJ312 BONNEVL DAM OR
WUK CHOLLAS HT CA
WUK2 SN FRANCISCO CA
WUK3 SACRAMENTO CA
WUK4 LOS ANGELES CA
WUK31 SACTO LK CA
WUK33 RIO VISTA CA
WUL9 MOSES LAKE WA
WUM442Ø DRG SCHWEIZER
ABBT FS-221
AEAA J B BATTLE
AEAE HUNTINGTON
AEAO STE GENEVIEVE
AEBY CHESTER HARDING
AECB COMBER
AECJ D A DAVIDSON
AEDA GOETHALS
AEEK MATT PLATT
AEEL ELIZABETH
AEEM CAILLOU
AEIC LYMAN
AEMN SAN LUIS II
AENI 2-ESB
MARION

US CUSTOMS SERVICE

KAE31Ø NEW YORK NY
KAE311 BOSTON
KAE312 MIAMI FL
KAE313 SAN JUAN PR
KAE314 SAN FRANCISCO CA
KAE315 HONOLULU HI
KAE316 KETCHIKAN AK
KAE317 SEATTLE WA
KAE318 SAN DIEGO CA
KAE319 CHICAGO IL
KAE32Ø NEW ORLEANS LA
WYJ9936 CF-59Ø3F
WYJ9937 CF-Ø673F
WYJ9938 CF-1559F

U S GEODETIC SURVEY

KA2XSH KAOIKI HI
KA2XRW (WESTERN STATES)
KAD5Ø TACOMA WA
KAD51 PUYALLUP WA
KAD52 DOCKBUTT WA
KAD53 TO 57 WA
KAD58 MT SHUKSN WA
KAD59 WHITE RVR WA
KAD6Ø TUMWATER MTN WA
KAH246 COLORADO
KAJ SAN JUAN PR
KAL SAN JUAN PR
KAM HOUSTON TX
KAO MENLO PK CA
KGC3ØØ RESTON VA
KGD34 BOULDER CRK WA
KKF3Ø HARTS PASS WA
KKF31 BEAVER PASS WA
KKF32 EASY PASS WA
KKF33 JASPER PASS WA
KKF34 SCRBS MDW WA
KKF35 WATSON LK WA
KKF36 HOZOMEN LK WA
KKF37 MARTIN LK WA
KKF38 TO 44 WA
KKF45 MSYRCK DAM WA
KKF46 WA
KKF47 KID VALLEY WA
KKF48 MINERAL WA
KKF49 COWLITZ RVR WA
KKF3Ø2 MORGAN CY LA
KKF3Ø3 CAMERON LA
KKF3Ø4 VENICE LA
KKF31Ø GARRETSON SD
KKF311 MIDWAY LA
KKF313 CAMERON LA
KKF314 LK CHAS LA
KKF315 COCODRIE LA
KKF317 FREEPORT TX
KKF318 PT BOLIVAR TX
KKF319 GULF OF MEXICO
KKF331 VENICE LA
KKF332 GULF OF MEXICO
KKF333 MATAGORDA TX
KKF334 MENLO PK CA
KKF335 TAMPA BAY FL
KMC31Ø MAUNAKEA HI
KMC311 KILAUEA HI
KME77Ø NAALEHU HI

KML76 HAYWARD CA
KML2Ø SAN ANDRES CA
KNN91 SEATTLE WA
KNN92 SEATTLE WA
KNO98 BOWFOW MTN WA
KO2XCH WA
KOC83 WA
KOD3ØØ TACOMA WA
KOD3Ø1 SANNCLSI CA
KOD3Ø2 LACAMBR PK CA
KOD3Ø3 SADDLE PK CA
KOD3Ø4 VENTURA CA
KOG21 TACOMA WA
KOJ3Ø2 DENVER CO
KOJ3Ø3 SUNNYSIDE UT
KOJ3Ø4 PSTR CNYN UT
KOJ3Ø5 (PORTABLE)
KOJ3Ø6 BOWMAN SC
KOJ3Ø7 NTNLSPCT MS
KOJ3Ø8 HUDSON CO
KOJ3Ø9 MT ALDEN AZ
KOJ31Ø GULF OF MEXICO
KOJ311 GULF OF MEXICO
KOJ314 TO 321 AK
KOJ323 NTNLSPCT MS
KOJ324 NTNLSPCT MS
KOJ325 BRUNSWICK GA
KOJ329 MOOSE RIDGE ID
KWA3ØØ LONELY AK
KWA3Ø1 OLIKTOK AK
KWA3Ø2 SITE 1 AK
KWA3Ø3 SITE 2 AK
KWA3Ø4 SITE 3 AK
KWA3Ø5 SITE 4 AK
KWA3Ø6 SITE 5 AK
KWA3Ø7 SITE 6 AK
KWA3Ø8 SITE 7 AK
KWA3Ø9 SIMPSON AK
KWA315 HOUMA LA
KWA316 COCODRIE LA
KWA35Ø FAIRBANKS AK
KWA351 ANCHORAGE AK
KWG54 NOME AK
KWI22 GULKANA AK
KWI24 WOLVERINE AK
KWI154 ALBUQUERQUE NM
KXA2 ANCHORAGE AK
KXA3 FAIRBANKS AK
WXB22 MCLAUCHLINN CA
WXB98 RCRDBRSL SC
WXO58 MAYFIELD WA
WXO59 LAGRANDE WA
WXO6Ø DEADHORSE AK
MOBILES
KA8672 TO 8681
KA8821 TO 8876
KF7531 TO 7556

US MARSHAL

WRA7493 US MARSHAL (SHIP)

U S NAVY VESSELS
(OTHER THAN FLEET
& AUXILIARY SHIPS)
KFUF CURB
KSIP GEAR
WHBA ROBT D CONRAD
WVJB CABLE

ARTIFICIAL SATELLITES

Listed here are those artificial satellites which were in orbit at press time, and which are (or at least were at one time) operating beetween 25 and 470 MHz. We have made no attempt to include other (microwave) frequencies upon which these satellites may also operate, or information on those other satellites which operate only on microwave frequencies. Note that although some satellites are still in orbit, their transmitting days may be over because of electronic malfunction or failure, physical malfunction, or discontinuance of the programs in which they were at one time functioning; however if the satellite is still in orbit it has been listed here with its frequency allocation(s). Where possible we have also included the "uplink" or command (earth to satellite) frequencies; these frequencies are followed by the letter "R." Most of the frequencies listed below do not appear in official NASA data presently available to the public. Russian satellites have generally been noted on 30.008, 39.986, 89.10, 90.023, 90.158, 90.225, 90.378, and 183.538 MHz; while their manned space program has been monitored using 143.625 MHz.

NAME	CAT NUMBER	SOURCE	PERIOD (MIN)	FREQUENCIES T=TRANSMIT R=COMMAND
AIRE SUR ADOUR	UNKN	FR	UNKN	4ØØ.17R 4ØØ.41R 4ØØ.65R 4ØØ.9Ø5R 4Ø1.16R 4Ø1.49R
1963-22A	594	US	99	15Ø.ØØT 4ØØ.ØØT
1963-3ØB	635	US	168	136.89T
1963-49B	7Ø4	US	1Ø7	15Ø.ØØT 4ØØ.ØØT
1963-49C	7Ø5	US	1Ø7	162.ØØT 324.ØØT
1964-26A	8Ø1	US	1Ø3	15Ø.ØØT 4ØØ.ØØT
1964-4ØC	838	US	UNKN	136.771T
1964-83C	959	US	1Ø6	136.563T 162.ØØT 324.ØØT
1964-83D	965	US	1Ø6	15Ø.ØØT 4ØØ.ØØT
1965-58C	146Ø	US	2595	136.768T
ALOUETTE 1	424	CAN	1Ø5	136.Ø78T 136.591T 136.98T
ALOUETTE 1	18Ø4	CAN	12Ø	136.Ø8T 136.41T 136.59T 136.98T
ANNA 1-B	446	US	1Ø8	54.ØØT 162.ØØT 216.ØØT 324.ØØT
ATS-1	26Ø8	US	1436	135.6ØT 136.47T 137.35T 148.26R 149.22R
ATS-3	3Ø29	US	1436	135.6ØT 136.47T 137.35T 412.Ø5T 148.26R 149.22R
ATS-5	4Ø68	US	1436	136.47T 137.35T 412.Ø5T 148.26R
ATS-F	UNKN	US	UNKN	39.Ø16T 39.916T 4Ø.Ø16T 4Ø.116T 41.Ø16T 136.23T 137.Ø56T 137.11T 14Ø.Ø56T 141.Ø56T 36Ø.Ø44T 36Ø.144T 36Ø.244T 361.144T 147.ØØR 148.26R 153.ØØR 154.2ØR
CAS-A/EOLE-1	5435	FR	1Ø1	136.35T 464.486T 148.25R 4Ø1.718R
COPERNICUS OAO-C	6153	US	1ØØ	136.26T 136.44T 4ØØ.55T 149.52R
COS-B	8Ø62	EURO SPACE AGCY	22ØØ	136.95T 148.35R
COSMOS 44	876	USSR	99	9Ø.Ø23T
D-1A	2Ø16	FR	118	149.7OT 399.92T
D2-B2	8332	FR	96	136.74T 134.74R 148.56R
D5-B1	UNKN	FR	UNKN	136.25T 148.25R
D5-B2	UNKN	FR	UNKN	136.35T 148.25R
DENPA	6152	JAPAN	94	136.695T
DIADEME 1	2674	FR	1Ø3	136.98T 149.7ØT 399.92T
DODGE	2867	US	1315	136.8ØT
EARLY BIRD	1317	ITSO	1436	136.44T 136.98T
EGRS 1	729	US	1Ø3	136.8Ø3T
EGRS 3	12Ø8	US	1Ø3	136.84T
EGRS 13	3891	US	1Ø7	136.8ØT
ELEKTRON 1	746	USSR	167	3Ø.ØØ8T
ELEKTRON 2	748	USSR	1356	9Ø.225T
ERS 2Ø	2768	US	283Ø	136.26T
ERS 27	2769	US	2827	136.38T
ERS 28	3429	US	576	136.83T
ERTS 1-2	UNKN	UNKN	UNKN	137.86T 154.2ØR 4Ø1.55R
ESSA 1	1982	US	1ØØ	136.23T 136.92T 235.ØØT
ESSA 2	2Ø91	US	113	136.77T 137.5ØT
ESSA 5	2757	US	114	136.77T 235.ØØT
ESSA 6	3Ø35	US	115	136.77T 137.5ØT
ESSA 7	3345	US	115	136.77T 235.ØØT
ESSA 8	3615	US	115	136.77T 137.62T
ESSA 9	3764	US	115	136.77T
ETS 1	UNKN	JAPAN	UNKN	136.81T 148.27R
EXPLORER 8/XI-1	6Ø	US	1Ø9	1Ø8.ØØT
EXPLORER 11/NU-1	1Ø7	US	1Ø6	1Ø8.Ø58T
EXPLORER 2Ø	87Ø	US	1Ø4	136.326T 136.35T 136.68T

EXPLORER 22	899	US	1Ø5	4Ø.Ø1T 41.Ø1T 136.171T 136.739T 162.ØØT 324.ØØT 36Ø.Ø9T
EXPLORER 23	924	US	96	136.Ø78T 136.861T
EXPLORER 25	932	US	115	136.292T 136.273T 136.86T
EXPLORER 26	963	US	115	136.292T
EXPLORER 27	1328	US	1Ø7	4Ø.ØØT 41.ØØT 136.74T 162.ØØT 324.ØØT 36Ø.ØØT
EXPLORER 29	1726	US	12Ø	162.ØØT 324.ØØT
EXPLORER 31	18Ø6	US	121	136.38T
EXPLORER 32	2183	US	1Ø3	136.32T
EXPLORER 33	2258	US	7Ø673	136.Ø2T
EXPLORER 36	3Ø93	US	112	136.32T
EXPLORER 37	3141	US	97	136.41T 136.53T 137.59T
EXPLORER 38	33Ø7	US	224	136.35T 137.29T
EXPLORER 39	3337	US	1Ø7	136.62T
EXPLORER 4Ø	3338	US	118	136.29T 4ØØ.65T
EXPLORER 48/IMP-H	6197	US	175Ø7	136.2Ø8T 136.89T 137.572T 137.92
EXPLORER 5Ø/IMP-J	6893	US	17173	136.Ø2T 136.8ØT 137.58T 137.98T 148.98R
EXPLORER 55	844Ø	US	94	137.23T
FLTSATCOM-ATL	UNKN	US	1436	25Ø.55T 252.Ø5T 253.75T 255.45T 257.Ø5T 258.55T 265.45T 266.95T 268.35T 269.85T 293.Ø5R 294.75R 296.45R 298.Ø5R 299.55R 3Ø6.45R 3Ø7.95R 3Ø9.35R 31Ø.85R
FLTSATCOM-E PAC	UNKN	US	1436	25Ø.45T 251.95T 253.65T 255.35T 256.95T 258.45T 265.35T 266.85T 268.25T 269.75T 292.95R 294.65R 297.95R 299.45R 3Ø6.35R 3Ø7.85R 3Ø9.25R 31Ø.75R
FLTSATCOM-IND	UNKN	US	1436	25Ø.65T 252.15T 253.85T 256.55T 257.15T 258.65T 265.55T 267.Ø5T 268.45T 269.95T 293.15R 294.85R 296.55 298.15R 299.65R 3Ø6.55R 3Ø8.Ø5R 3Ø9.45R 31Ø.95R
FLTSATCOM-W PAC	UNKN	US	1436	SAME AS FLTSATCOM-ATL
FR 1	1814	FR	1ØØ	136.35T
GEOS	UNKN	FR	UNKN	137.2ØT 149.48R
GEOS 3	7734	US	1Ø2	136.32T
GOES 1/SMS-C	8366	US	1425	136.678T 468.85T 4Ø1.9ØR
GOES 2	1ØØ61	US	1436	136.38T 468.825T 468.85T 148.56R 4Ø1.9ØR
GOES 3	1Ø953	US	1436	136.38T 468.825T
GRAVITY GRADIENT 1	728	US	1Ø3	136.317T
GRAVITY GRADIENT 3	1292	US	1Ø3	137.766T
GREB/ETA 2	46	US	1Ø1	1Ø8.ØØT
HCMM	1Ø818	US	95	136.17T
INJUN/SR-3	117	US	1Ø3	1Ø8.Ø8T 136.5ØT 4ØØ.ØØT
INTELSAT 2-F1	2514	ITSO	717	136.44T 136.98T
INTELSAT 2-F2	2639	ITSO	1435	136.44T
INTELSAT 2-F3	2717	ITSO	1436	136.44T
INTELSAT 2-F4	2969	ITSO	1435	136.44T
IOTA 2/ROCKET BODY	5Ø	US	118	1Ø8.Ø6T
ISIS 1	3669	CAN	128	136.Ø8T 136.41T 136.59T 137.95T 4Ø1.75T 148.25R
ISIS 2	51Ø4	CAN	113	SAME AS ISIS 1
ISS	UNKN	JAPAN	UNKN	136.81T 4ØØ.9ØT 148.27R
IUE	1Ø637	US	1436	136.86T
JIKI'KEN	11Ø27	JAPAN	468	136.695T
KIRUNA ROCKET	UNKN	SWEDEN	UNKN	216.25T 22Ø.25T 222.25T 268.Ø5T 271.15T 4ØØ.55T 499.95R 45Ø.Ø5R
LANDSAT 2	7615	US	1Ø3	137.86T 154.2ØR 4Ø1.55R
LANDSAT 3	1Ø7Ø2	US	1Ø3	137.86T 154.2ØR 4Ø1.55R
MARISAT-ATL	UNKN	US	1436	249.1ØT 254.15T 257.55T 3Ø2.7ØR 3Ø7.75R 311.15R
MARISAT-PAC	UNKN	US	1436	SAME AS MARISAT-ATL
MAROTS	UNKN	FR	UNKN	137.17T 149.34R
METEOR (SERIES)	SEVERAL	USSR	97	461.5ØT 464.ØØT 466.5ØT
METEOSAT 1	1Ø489	ESA	1436	137.Ø8T 468.875T 468.925T 149.34R 4Ø2.1ØR
MS-T3	UNKN	JAPAN	UNKN	136.725T 4ØØ.5ØT
NIMBUS 3	389Ø	US	1Ø7	136.5ØT 136,95T 4Ø1.5ØT 466.ØØT (QRT)
NIMBUS 4	4362	US	1Ø7	136.5ØT 136.797T 136.95T 136.77R 149.52R
NIMBUS 5	63Ø5	US	1Ø7	136.5ØT 149.52R
NIMBUS 6	7924	US	1Ø7	136.5ØT 4Ø1.2ØR
NOAA 5	9Ø57	US	116	136.77T 137.14T 137.5ØT 137.62T
OAO 1	2142	US	1Ø1	136.26T (QRT)
OAO-A2	3597	US	1ØØ	136.259T 136.441T 4ØØ.549T 149.52R
OGO 1	879	US	3843	136.2ØT 4ØØ.25T 4ØØ.85T
OGO 2	162Ø	US	97	136.2ØT 136.712T 4ØØ.25T 4ØØ.85T
OGO 3	2195	US	2911	136.2ØT 4ØØ.25T 4ØØ.85T
OGO 5	3138	US	3746	SAME AS OGO 3
OSO 1/ZETA 1	255	US	94	136.744T
OSO 2	987	US	95	136.713T
OSO 4	3ØØØ	US	94	136.71T
OSO 6	4Ø65	US	93	136.29T
OTS 2	1Ø855	ESA	1436	137.Ø5T 149.34R
OV-5/ERS-29	395Ø	US	312Ø	136.65T
OV5-6	3951	US	3115	136.38T
OV5-9	3952	US	3115	136.53T
RAE-B/EXPLORER 49	6686	US	SELINOCENTRIC ORBIT	136.145T 136.86T 137.575T 148.98R 4ØØ.95R
RELAY 1	5Ø3	US	185	136.14T 136.621T
RELAY 2	737	US	195	136.142T 136.62T
SHINSEI	5485	JAPAN	113	136.695T 4ØØ.5ØT 148.25R
SMS 1	7298	US	1436	136.38T 468.825T
SMS 2	7648	US	1437	136.38T 468.825T
SN 39	671	US	1Ø7	136.653T
SOLAR RAD 1	73Ø	US	1Ø3	136.8ØT 136.886T
SOLRAD 2-A	8748	US	7372	137.8ØIT
SOLRAD 2-B	8749	US	122	136.53T
SRET 2	791Ø	FR	736	137.53T
SYMPHONIE B	8132	FR/GERMANY	1436	137.Ø2T 148.25R
SYMPHONIE 3	UNKN	FR/GERMANY	UNKN	136.8ØT 148.25R
SYNCOM 2	634	US	1436	136.468T 136.98T
SYNCOM 3	858	US	1438	136.47T 136.98T
TAIYO/SRATS	7671	JAPAN	95	136.725T 4ØØ.45T 148.25R
TELSTAR 1	34Ø	US	158	136.Ø5T 12Ø.ØØR (QRT)
TELSTAR 2	573	US	225	136.Ø5T (QRT)
TIROS 1/BETA 2	29	US	99	1Ø7.997T 235.ØØT 237.8ØT
TIROS 2/PI 1	63	US	98	1Ø8.ØØT 235.ØØT 237.8ØT (QRT)
TIROS 3/RHO 1	162	US	1ØØ	1Ø8.ØØT 1Ø8.Ø3T 235.ØØT 237.8ØT
TIROS 4/BETA 1	226	US	1ØØ	136.23T 136.92T 235.ØØT 237.8ØT
TIROS 7	6Ø4	US	96	136.233T 136.922T 235.ØØT 237.8ØT
TIROS 8	716	US	99	136.233T 136.924T 235.ØØT 237.8ØØT
TIROS 9	978	US	119	136.234T 136.918T 235.ØØT 237.8ØT
TIROS 1Ø	143Ø	US	1ØØ	136.232T
TIROS 12/N	11Ø6Ø	US	1Ø2	136.77T 137.5ØT 137.77T 235.ØØT 237.8ØT 137.62R 148.56R 4Ø1.65R
TRAAC	2Ø5	US	1Ø6	54.ØØT 136.65T 324.ØØT
TRANSIT	UNKN	US	UNKN	149.988T 399.968T
TRANSIT 2A/ETA 1	45	US	1Ø1	54.ØØT 162.ØØT 216.ØØT 324.ØØT
TRANSIT 4A	116	US	1Ø3	54.ØØT 149.988T 15Ø.ØØT 324.ØØT 399.968T
TRANSIT 4B	2Ø2	US	1Ø6	54.ØØT 136.8ØT 15Ø.ØØT 324.ØØT 4ØØ.ØØT
TRANSIT 5A	5Ø9	US	97	15Ø.ØØT 4ØØ.ØØT
VANGUARD 1	5	US	134	1Ø8.Ø12T (QRT)
VIKING LANDER 1	9Ø24	US	ON MARS	38Ø.9633T
VIKING LANDER 2	94Ø8	US	ON MARS	38Ø.9633T

IN ADDITION TO ABOVE FREQS NEWLY LAUNCHED US SATELLITES MIGHT ALSO USE:149.979 161.992 225.ØØ 243.72 243.727 243.888 243.945 343.955 243.96 243.965 243.97 243.975 243.98 243,985 243.99 243.995 244.Ø 244.1 244.Ø45 244.Ø55 244.Ø6 244.Ø65 244.Ø7 244.Ø75 244.Ø78 244.Ø8 244.Ø85 244.Ø9 244.Ø95 244.1 244.11 244.145 244.155 244.165 244.17 244.175 244.178 244.28 244.185 244.19 244.195 244.2 244.21 251.9 255.55 26Ø.6 261.7 266.85 279.Ø 323.984 328.925 333.725 334.925 335.225 335.261 335.3Ø9 335.321 335.324 335.325 335.355 335.37 335.385 367.136 378.6Ø9 39Ø.Ø82 399.934 4ØØ.384 4Ø1.Ø13 4Ø1.Ø38 4Ø1.Ø63 4Ø1.Ø88 4Ø1.113 4Ø1.138 4Ø1.163 4Ø1.188 4Ø1.213 4Ø1.238 4Ø1.75 (APOLLO PROGRAM USED 259.7 & 296.8)

FAA ARTCC MILITARY FREQUENCIES

The FAA maintains watch on a number of military frequencies for the purposes of communicating with aircraft transiting over the U.S. The ground stations identify by the name of the control point followed by the word "Center" such as "Chicago Center," etc. Each of these "Centers" utilizes a large number of remote controlled transmitters established at varying distances from the central control point in order to increase the communications range. For the convenience of listeners, I have listed each of the ARTCC's along with the locations of their remote controlled transmitters. While aircraft on these frequencies may be heard at great distances, ground stations can be heard by listeners on the ground from perhaps 20 to 30 miles away, depending upon receiver, antenna, and height of antenna. The central control points are underlined, remote sites listed beneath.

ALBUQUERQUE NM 3Ø7.2 363.2
ALAMOGORDO 353.6
AMARILLO 261.5 351.7 381.6
ANIMAS 281.5 351.8
CARLSBAD 363.1
CHILDS PEAK 288.3 3Ø7.3 35Ø.2 371.9
CLINES CORS 269.4 284.6
EL PASO 27Ø.3 278.3 285.5 363.1
GLOBE 26Ø.6 269.3 29Ø.3 3Ø6.2 3Ø8.6 338.3 35Ø.2 353.9
HUMBOLDT MTN 285.4 289.1 298.9 327.1
MESA RICA 363.2
MT DORA 351.7
RATON 319.9 353.8
ROSWELL 343.6 353.6 385.4
SANDIA MTN 269.4
SELIGMAN 263.1 37Ø.9 37Ø.95
T OR C 338.2
TUCSON 281.5 351.8
TUCUMCARI 251.1 279.6 319.2
WEST MESA 269.4 284.6
WINSLOW 263.1 285.4 37Ø.9 37Ø.95
ZUNI 287.9 3Ø7.2 321.3 343.9

ATLANTA GA 264.2 273.6 279.2 3Ø6.2 323.1 327.8 343.9
ALBEMARLE 251.1
ATHENS 256.9 3Ø6.9
AUSTELL 269.3 287.9 3Ø7.9 317.7 36Ø.6
BIRMINGHAM 261.5 316.1 38Ø.2
BLACK JACK MTN 37Ø.9
CHATTANOOGA 284.6 353.8 363.1 38Ø.3
COLUMBUS 353.9 357.6 377.1
CROSSVILLE 254.3
GADSDEN 353.7
GREENSBORO 343.8 36Ø.7 379.2
GREENVILLE 236.5 269.1
HICKORY 263.Ø 29Ø.2 3Ø7.8
MACON 322.3 348.7 36Ø.7
MONROEVILLE 267.9
MONTGOMERY 28Ø.1 3Ø8.6 319.1 351.9
NEWPORT 236.7 257.9 269.5
OWING 322.4 327.Ø
PINE LEVEL 29Ø.5 335.6 379.9
TRI CITY 319.9 335.6 338.3

BOSTON MA
AUGUSTA 285.4
BARNSTABLE 269.3 29Ø.3 3Ø7.3 321.3 351.9 37Ø.9 381.4
BUCKS HRBR 288.1
CAMBRIDGE 36Ø.6
CONCORD 269.5
E BURKE 371.9
GARDNER 338.2
HOULTON 269.2 319.1
LK GEORGE 291.6 327.Ø 348.7 354.1 371.9
LYON MTN 282.2 38Ø.3
MELROSE 261.5 281.5 353.7 393.1
MT EQUINOX 348.7
PAWLING 379.1
ROCKDALE 351.7
ROME 269.Ø 321.3 323.Ø 377.1 38Ø.3
ST ALBANS 269.6 319.1 321.3 346.4
S ACTON 288.3 3Ø7.Ø 322.4
UTICA 357.6
WOODSTOCK 284.7 3Ø7.9 36Ø.6 379.1 398.9

CHICAGO IL
AURORA 363.2 381.4
BLOOMINGTON 256.9
BRADFORD 291.6 353.5
BURLINGTON 316.1
CEDAR RAPIDS 261.5
CENTRAL WISC 317.7
CHICAGO HTS 272.7
DANVILLE 397.9
DELLS 3Ø7.1
DES MOINES 319.8
DES PLAINES 298.9 317.4 36Ø.8
DOWNERS GRV 338.3 363.2
DUBUQUE 281.4 285.5 343.6 351.8

FT WAYNE 269.1 362.3
GARY 285.6 323.2 385.5 387.1
GOSHEN 263.1 269.1 317.6 343.7 357.6
GREEN BAY 37Ø.9
HAMPSHIRE 3Ø7.2 348.7 38Ø.3 381.4
GR RAPIDS 269.6 285.4 287.9 319.1
HORICON 263.Ø 3Ø6.3 327.8 343.9
JOLIET 371.9
JONES 254.3 353.6 379.1
MADISON 269.4
MILFORD 284.7 353.8 377.2
MILWAUKEE 291.7 323.1 36Ø.6 364.8
MOLINE 351.7
ROCKFORD 239.3 379.3 381.6
SO BEND 273.6
WASHINGTON 3Ø6.9 354.1 385.6
WHITE CLOUD 299.2

CLEVELAND OH
ALGONAC 269.2 354.Ø 38Ø.6
BELMONT 277.8 291.6 323.1 379.1
BLUE KNOB 299.2 3Ø7.1 327.1 353.8
BRECKSVILLE 348.7
CARLETON 288.3 317.5 319.9 327.Ø
DETROIT 335.6 354.1 369.9
DUNKIRK 263.1
FINDLAY 269.3 322.4
FLINT 277.4
HOLLAND 353.7 369.9 397.9
LITCHFIELD 343.8 36Ø.7
MANSFIELD 317.7 35Ø.2 369.9
MOON TWP 236.1 319.2 369.9 385.5
MORGANTOWN 239.3
MT HOPE 261.5 3Ø7.2
PORTVIEW 281.5
SAGINAW 29Ø.4 3Ø7.8 351.9
SANDUSKY 269.5 363.Ø
WARREN 267.3 3Ø6.9 316.1 317.4 323.2 338.3
WATERFORD 323.2
WATERVILLE 379.2
WAYLAND 284.6 335.5 381.6

DENVER CO 272.7 282.2 284.7 285.5 29Ø.2 296.7 3Ø6.9 322.3 357.6
AKRON 319.2
ALAMOSA 343.7
ASPEN 327.8
CASPER 239.Ø 322.5
CHEYENNE 257.6 281.5 284.7 35Ø.3
COLBY 3Ø6.3 353.7
CRAWFORD 338.2 354.Ø
EASTONVILLE 323.1
FARMINGTON 29Ø.4 319.1 343.7
GALLUP 319.1
GOODLAND 3Ø6.3 353.7
GR ISLAND 269.6
GR JUNCTION 269.1
GRAND MESA 269.1 3Ø7.9 319.Ø 327.Ø
GUNNISON 3Ø7.9 319.Ø
HANKSVILLE 3Ø7.9
HAYDEN 257.6 327.8
HAYES CTR 335.6
LA JUNTA 317.5 348.7
LUSK 239.Ø
MEDICINE BOW 281.5
NATOMA 353.7
N PLATTE 284.7 3Ø6.3 335.6 343.8 354.Ø 381.4
OGALLALA 296.6 381.4
O'NEILL 269.6 354.Ø
PUEBLO 317.5 3Ø7.1 335.5
RAPID CITY 322.5 338.2
SUNDANCE 239.Ø
WINSLOW 29Ø.4 319.1 343.7

FT WORTH TX 317.4 353.7 351.9 36Ø.6 364.8 377.1
ABILENE 269.4 317.7 323.Ø
ARDMORE 322.4
BIG SPRING 35Ø.2
BLUE RIDGE 254.3 377.1 397.9
CARLSBAD 385.6
CLINTON-SHERM 363.1
EL DORADO 269.1
FARMERSVILLE 322.5
KELLER 364.8 351.9
LOMETA 372.Ø
LUBBOCK 327.1 362.3
MARSHALL 269.2 327.8
MC ALESTER 278.3 288.3 387.Ø
MIDLAND 269.Ø 284.7 385.6
OKLA CITY 291.7 298.9
PADUCAH 319.8
PLAINVIEW 316.1
SAN ANGELO 36Ø.8
SCURRY 282.3 287.9
SHREVEPORT 285.5 3Ø7.9
TEXARKANA 284.6 381.4
TULSA 354.1 364.8 371.9
WACO 269.5
WICHITA FLS 278.5 285.6 319.8 354.Ø 36Ø.7

HOUSTON TX 263.1 269.Ø 269.5 281.5 3Ø6.3 3Ø7.2 321.3 385.5
ALEXANDRIA 317.5 343.9
AUSTIN 317.5 343.9
BEAUMONT 351.8
BROWNSVILLE 291.6
CLEAR LK CY 3Ø6.3
COLLEGE STA 3Ø7.8 338.3
DAISETTA 354.1
GR ISLE 269.5 36Ø.8
HATTIESBURG 281.5 285.6
KINGSVILLE 281.5 285.6
LACOMBE 323.2 381.5
LAFAYETTE 263.1 327.1 38Ø.2
LK CHARLES 353.9 381.6
LAREDO 3Ø7.2 323.1
LOMETA 288.5 343.9 372.Ø
LUFKIN 269.6 343.6
MOBILE 279.6 291.6 322.4
NATCHEZ 291.7
NEW ORLEANS 38Ø.2 385.5
PALACIOS 3Ø6.9 35Ø.3
ROCKPORT 281.9 319.8 353.6 353.6 36Ø.7
ROCKSPRINGS 327.Ø 38Ø.2
SAN ANTONIO 285.4 291.7 321.3 343.7 278.3
SEALEY 279.6

INDIANAPOLIS IN 29Ø.3 319.8 321.3 385.4
BLACKFORD 272.7
BROOKVILLE 269.Ø 282.3 3Ø7.9 351.8
CHARLESTON 269.6 3Ø7.3 381.6 385.6
CINCINNATI 281.4 379.9
EVANSVILLE 363.Ø
HENRYVILLE 269.4 278.5 322.5 352.Ø
LIVINGSTON TENN 323.2
LONDON KY 278.3 317.4
LONDON OH 29Ø.5 346.3 38Ø.2
MERWYN 321.3
MUNCIE 251.1
NEW HOPE 372.Ø
PARKERSBURG 398.9
PORTSMOUTH 288.1 29Ø.4 291.7 363.2
ROSSVILLE 319.2 378.8
TERRE HAUTE 3Ø7.1
WEST POINT 27Ø.3
WINCHESTER 285.4 387.Ø
ZANESVILLE 343.6 353.5 37Ø.7

JACKSONVILLE FL 269.2 317.4 327.1 35Ø.3
ALBANY 317.6 359.Ø
ALMA 282.3 29Ø.4
AUGUSTA 3Ø7.1 323.Ø
BRUNSWICK 277.4 319.3
CHARLESTON 269.Ø 269.6 351.7 353.5 362.3 364.8 379.1
COLUMBIA 298.9 319.2 335.5
CRESTVIEW 251.1 338.3 35Ø.2 371.9
DAYTONA BCH 263.Ø
DOTHAN 288.3 353.5
FLORENCE 3Ø6.3 321.4
GAINESVILLE 352.Ø 385.6
MILLEN 352.4 363.2
MYRTLE BCH 317.4 343.6 381.4
PANAMA CY 346.4 381.4
PENSACOLA 374.8
ST AUGUSTINE 236.7 288.1 317.5 35Ø.3
SAVANNAH 281.5 322.5 346.3
TALLAHASSEE 278.3 281.4 291.7 3Ø7.2 348.3 36Ø.8 363.Ø
VALDOSTA 281.4 291.7 348.3 363.Ø 379.2

KANSAS CITY MO 352.Ø
ANTHONY 257.Ø 263.1 273.6 353.9 36Ø.8
BLUE SPGS 285.6 362.3 381.5
COLUMBIA 279.6 299.2 35Ø.2
DECATUR 281.5 335.6
EFFINGHAM 29Ø.4 323.Ø 346.4
EMPORIA 269.2 285.4 323.2
FARMINGTON 291.7 3Ø7.8 319.Ø
GAGE 263.1 379.2
GARDEN CY 269.4 281.4 387.1
HUTCHINSON 269.5 317.4 36Ø.Ø
JOPLIN 343.9
KIRKSVILLE 269.3 29Ø.7 37Ø.9
MARION 269.5
MT VERNON 317.7
NATOMA 3Ø7.8 322.4
PONCA CITY 317.6 38Ø.2
QUINCY 319.9
RICHLAND 317.5 353.7
ST CHARLES 269.6 323.1 327.1
ST JOSEPH 251.1
ST LOUIS 351.9 38Ø.2
SALINA 363.2
SPRINGFLD 269.4 277.4 29Ø.5
STILLWELL 327.Ø
TOPEKA 29Ø.2 343.7 363.Ø 369.9
VANDALIA 338.2
WICHITA 287.Ø

LOS ANGELES CA 257.9 269.5 284.7 285.5 285.6 291.7 3Ø7.8 322.4 327.1 338.3 343.7 348.7 35Ø.3 351.7 354.1
BAKERSFIELD 263.Ø 3Ø6.2 317.7 372.Ø
BALDWIN HLS 277.4 322.4 351.7
BARSTOW 279.6 284.7 29Ø.2 3Ø7.9 317.4 351.9 369.9
BLYTHE 278.5 3Ø7.8
BORON 272.7
CEDAR CY 299.2 3Ø6.3 343.6 346.3 369.9
JULIAN 261.5 276.3 277.4 282.3 285.6 291.7 312.3 326.7 346.4 369.9
NELSON 3Ø7.9 319.2 343.6 369.9
ONTARIO 346.4
PAHRUMP 272.7 377.1
RIVERSIDE 29Ø.2
SADDLE PEAK 3Ø7.1 35Ø.3 351.8 369.9
SAN LUIS OBSPO 269.5 327.8
STA BARBARA 269.5 327.1 338.3 343.7
SELIGMAN 282.3 319.2 323.2
TONOPAH 377.1
WILSON CRK 377.2
YUMA 274.6 278.1 278.5

MEMPHIS TN 239.3 3Ø6.9 322.3 343.8
BRINKLEY 281.4 36Ø.8
COLUMBUS 269.4 363.2 387.1
FAYETTEVILLE 269.Ø
GRAHAM 285.5 296.7 381.4
GREENVILLE 282.2 29Ø.4 335.5
HUNTSVILLE 3Ø7.Ø
JACKSON 285.4 38Ø.3
LOUISVILLE 282.1 32Ø.4
MC KELLAR 317.4 354.Ø
MERIDIAN 263.Ø 285.2 299.6 323.Ø 363.2 377.2
NASHVILLE 3Ø6.3 3Ø7.2 317.6 353.5
PINE BLUFF 269.3 319.8 348.7
RUSSELLVILLE 348.7
S FULTON 269.2 379.2 35Ø.3
TUPELO 252.7 26Ø.6
WALNUT RIDGE 29Ø.2

MIAMI FL 263.1 269.Ø 27Ø.3 281.5 285.5 287.9 3Ø6.9 3Ø7.8 3Ø7.9 319.1 322.5 323.Ø 323.2 327.Ø 335.5 343.7 363.2 381.6
AVON PK 349.Ø 256.7
ELEUTHERA I 273.6 298.9
FT MYERS 257.7 322.5
GR BAHAMA I 282.2
GR TURK I 3Ø7.2
KEY WEST 281.4 29Ø.5 3Ø6.9
MELBOURNE 261.5 269.3 3Ø7.8 348.7
NASSAU 3Ø7.9
ORLANDO 285.5 296.7 3Ø7.3 343.7 38Ø.3 388.Ø
PAHOKEE 291.6 299.2
SARASOTA 269.5 363.1 377.1 381.6
TAMPA 323.2 335.5 343.9 377.2
VERO BCH 319.Ø 37Ø.9 398.9
W PALM BCH 263.1 29Ø.2 353.6

MINNEAPOLIS MN 319.2 323.1 353.7
ABERDEEN 371.9
ALEXANDRIA 269.2 319.9
ALPENA 279.6
BEMIDJI 251.1
BRAINERD 239.Ø
CLARK 3Ø6.2 323.Ø
DARWIN 323.1
DES MOINES 288.1 343.8 372.Ø
DICKINSON 263.Ø 321.3 323.2
DULUTH 284.6 29Ø.5 321.3
EAU CLAIRE 335.6 353.9
FAIRMONT 257.7
FARGO 278.3
FARMINGTON 3Ø7.9 352.Ø
FT DODGE 288.3
GR FORKS 269.65 3Ø7.Ø 321.3
GR ISLAND 287.9 3Ø7.2
HOUGHTON 269.Ø 321.3 379.1
INT'L FALLS 377.1
IRON MTN 387.Ø
JAMESTOWN 27Ø.3 281.5
LA CROSSE 321.3 363.Ø
MARYSVILLE 282.3 317.7
MASON CY 263.1 38Ø.2
MINOT 279.6 319.1
OMAHA 29Ø.4 321.3 346.3
O'NEILL 385.5
PELLSTON 321.3 323.Ø 327.1
PIERRE 228.5 269.1 317.5
REDWOOD FLS 269.5 29Ø.2 321.3
RHINELANDER 3Ø7.5
SAGINAW 282.2
SIOUX CY 269.Ø 363.1 385.4
SIOUX FLS 291.7 317.4
TRAVERSE CY 398.9

NEW YORK NY
BIG FLAT 322.4 343.9
CALVERTON 269.4
DOUGLASTON 285.5 29Ø.5
ELK MTN 29Ø.4 35Ø.3 363.2 38Ø.2
FLINT HILL 278.3 29Ø.2 3Ø7.8
JOLIET 285.6 3Ø6.2
KINGSTON 256.7
MATAWAN 27Ø.3 278.5 282.3 353.5
MILLVILLE 254.3 281.4 317.5 327.8 387.1
NORTH MTN 269.1 273.6 319.9
PHILLIPSBRG 272.7 298.9
SAYRE 352.Ø 372.Ø
SAYVILLE 319.2 346.3 385.6
SHELTON 269.2 3Ø6.3 317.7 343.8
SHIP BOTTOM 335.6 362.3 381.6
WILDWOOD 354.Ø

OAKLAND CA
ANGELS CAMP 284.6 29Ø.4 296.7 3Ø7.8 319.9
FALLON 269.3 285.5 296.7
FERNDALE 284.7 29Ø.3 319.2
FRESNO 281.5 285.4 296.7 319.1 343.8 353.8 357.6
MINA 291.7 319.8
MTN VIEW 263.1 335.6 343.6 357.6
MT TAMALPAIS 281.4 323.Ø 353.5
PRIEST 29Ø.5 3Ø7.Ø 319.1 343.8
RED BLUFF 269.1 281.4 29Ø.3 3Ø6.9
RENO 269.3 285.5
SACRAMENTO 316.1
TONOPAH 291.7 319.8

SALT LAKE CY UT
ASHTON 323.Ø 338.3
BAKER 36Ø.6
BATTLE MTN 269.Ø 352.Ø
BIG PINEY 323.Ø
BILLINGS 343.7 385.6
BLACKFOOT 323.Ø 364.8
BOISE 272.7
BURLEY 263.1
BUTTE 317.6 338.3
CASCADE 29Ø.5
CEDAR CY 354.Ø
DELLE 257.7 263.1 269.2
DELTA 257.7 354.Ø 36Ø.8
ELKO 269.Ø 352.Ø 364.8
EMMETT 29Ø.5 3Ø7.Ø 364.8
FRANCIS PEAK 257.7 263.1 317.7 364.8
GLASGOW 269.4
GOODING 3Ø7.Ø 322.4
GR FALLS 285.4 317.6
JACKSON 323.Ø
LAKESIDE 285.4 317.6
LOVELL 385.6
MEDICINE BOW 291.6 3Ø6.2
MILES CY 269.4
MISSOULA 317.6
MYTON 269.2
ROCK SPRGS 291.6 3Ø6.2
SHERIDAN 385.6
SUNNYSIDE 257.7 363.1
THERMOPOLIS 269.6 364.8
TONOPAH 322.5
WATERFORD CY 269.4
WILSON CRK 36Ø.8 397.9

SEATTLE WA 3Ø6.2 343.6
BEACON HILL 273.6
COTTONWOOD 269.2 281.4
FERNDALE 3Ø6.3
FT LAWTON 3Ø6.9
HORTON 239.Ø 321.3
KENT 3Ø7.8
KLAMATH FLS 351.7
LAKEVIEW 321.3 327.1 351.7
LARCH MTN 269.Ø 343.6
MEDFORD 3Ø6.3 36Ø.7
NEAH BAY 319.2
PENDLETON 269.1 281.4
REDMOND 269.5 288.1
SCAPPOOSE 288.1 3Ø7.1 317.6
SPOKANE 269.2 321.3 322.5
THE DALLES 261.5
WHIDBEY I 27Ø.3 319.2
YAKIMA 291.6 273.6 322.5

WASHINGTON DC 272.7 279.6 284.7 285.5 323.Ø 352.Ø 377.1 38Ø.2
BUCKS ELBOW 263.1 319.Ø 346.4 38Ø.3
BUENA VSTA 353.9 371.9
CLINTON 269.3 351.8 363.Ø
CLINTON NC/SAMPSON 288.3
DANSROCK 257.7 287.9
DUNN LORING 285.4 317.6 327.Ø 348.7
ELKINS 257.7
FALLS CHURCH 285.4 319.8 322.5 348.7
FAYETTEVL 379.9
GREEN BAY 269.4 317.7 351.9
HAGERSTOWN 29Ø.3
NEW BERN 272.7
NORFOLK 279.6 3Ø6.9 377.1
PATUX RVR 277.4
RALEIGH 29Ø.5 352.Ø
ROCKY MT 284.7 38Ø.2
SOMERVILLE 282.2 319.1
S BOSTON 3Ø7.Ø
WESTMINSTER 385.4
WHALEYVILLE 323.Ø 354.1 377.2
WILMINGTON 285.5

MILITARY BASES & AIRFIELDS COMMUNICATING WITH GOVERNMENT AIRCRAFT ON GOVERNMENT FREQUENCIES

Listed following are the military and civilian airfields communicating with government aircraft on governmental frequencies. Most people seem unaware that a great many civilian airports are equipped with facilities for communication on military UHF frequencies for this purpose. In respect to those civilian airports shown here, we list only their military frequencies, usualy in the UHF band, plus any others used for Reserve or National Guard purposes. Military air bases are shown with all of their known frequencies, and these encompass those in the 30 to 50, 137 to 150 MHz bands as well as the VHF Aero (108 to 136 MHz) and UHF Aero (225 to 400 MHz) bands.

Normally the ground stations will identify by the name of their installation, however (where known) we have included tactical identifiers for stations known to be using them. These are shown in quotation marks (such as "Show Me Zulu," etc.).

The listings are arranged in alphabetical order according to the names of the airports and bases, without regard to geographic locations. In order to include as much data as possible, a form of "shorthand" has been used. A code letter denotes the type of service, followed by 1 or more frequencies used for that service. The frequencies are separated by a diagonal ("slash") mark which indicates the word "and." Therefore a listing which reads "T126.2/257.8" indicates a control tower operating on 126.2 and 257.8. A description of the service codes used is given before the listings.

Communications between USCG vessels and aircraft are on 277.8, 282.8, 381.7, 381.8, and 383.9. Any USCG shore based air installations not specifically indicated in this listing can be found operating on one or more of these frequencies. Coast Guard and military aero units can also be heard on 123.1 MHz (and sometimes 122.9) during search and rescue operations.

SERVICE CODES USED IN THIS SECTION

AD	Approach and/or Departure
AFR	Air Force Reserve
ANG	Air National Guard
ARMY	Army/Army Reserve
CG	Coast Guard
CP	Command Post
CN	Government Contractor
DI	Pilot-to-Dispatcher
E	Clearance Delivery
G	Ground Control
MAC	Military Air Command
MSC	Miscellaneous use(s)
NG	Army National Guard
OP	Operations
R	Radar
S	Automatic Terminal Info Svc
SAC	Strategic Air Command
T	Control Tower
TAC	Tactical Air Command
TAG	Tactical Air Group
TAS	Tactical Air Squadron
WX	Weather

ABILENE TX AD322.3/383.3/379.1 R351.1/372.9/388.8 T257.8
ABRAMS MUNI, GR LEDGE MI AD226.4 NG41.85/122.7/241.Ø
ACADIANA REGNL, NEW IBERIA LA AD278.5 MSC41.5Ø/126.2
ACCOMACK CO, MELFA VA AS35Ø.3
ADA MUNI OK AD322.4
ADAMS FLD, LITTLE ROCK AR AD 3Ø6.2/353.6/34Ø.9372.8/ 378.8/385.6 R257.8/274.3/3Ø7.Ø/353.6/385.6 T257.8
ADDISON FLD, DALLAS TX AD252.9/372.1 T239.Ø
ADIRONDAK APT, SARANAC LK NY AD317.5
AEROFLEX APT, ANDOVER NJ AD379.9
AIKEN MUNI, SC AD231.1
AKRON-CANTON REGNL OH AD257.8/226.4/323.Ø G348.6 R126.2/ 257.8/323.Ø/381.5 NG38.5Ø/41.1Ø T257.8
AKRON-FULTON MUNI OH AD257.8/226.4 T257.6
AKRON-WASH COUNTY CO AD319.2
ALAMEDA, ALBUQ NM AD354.1 R3Ø1.5/316.7/317.6/36Ø.8/ 389.8
ALAMEDA NAS CA AD134.1/257.2/268.7/3Ø7.2/313.2/323.2/ 351.8/354.1 E352.4 352.4 R134.1/257.2/268.7/313.2/382.Ø T127.Ø5/34Ø.2/36Ø.2/384.4 S284.2 WX359.6
ALAMOGORDO-WH SANDS REGNL NM AD284.Ø/324.3
ALBANY COUNTY NY AD226.8/3Ø7.2 G348.6 NG41.ØØ R257.8/ 3Ø7.2
ALBANY-DOUGHERTY COUNTY GA AD226.8/317.6 G241.Ø/348.6 T381.2
ALBERT ELLIS ARPT, JAX NC AD257.6
ALBERT WHITTED ARPT, ST PETE FL AD319.8 R319.8 T257.6
ALBION NJ AD263.6
ALBROOK USAF CANAL ZONE MSC349.4
ALBUQUERQ INT'L NM AD3Ø1.5/317.6/354.1 DI372.2 E385.6 G348.6 CP("APACHE")372.2/349.4 R134.1/3Ø1.5/316.7/ 317.6/36Ø.8/389.8 T257.8 WX342.5 S118.Ø
ALEXANDER FLD, WISC RPDS WI AD317.7
ALICE INT'L TX AD383.6
ALLEGHENY COUNTY PITTSB PA AD337.4 T239.Ø
ALLEN THOMPSON FLD, JACKSON MS AD317.7/319.2 ANG264.6 G348.6 R317.7/319.2 T352.Ø
ALLENDALE COUNTY SC AD363.2
ALLENTOWN-BETH-EASTN PA AD257.8 T257.8
ALLENTOWN-QUEEN CY PA AD257.8
ALTOONA-BLAIR COUNTY PA AD299.2
ALTUS AFB OK AD1Ø9.8/125.1/29Ø.9/348.3 DI372.2 G289.4 MAC349.4 R125.1/348.3 S1Ø9.8/273.5 SAC311.Ø/ 321.Ø T126.2/255.6
ALVIN CALLENDER FLD - SEE NEW ORLEANS NAS
AMARILLO INT'L TX AD29Ø.3/3Ø7.Ø/3Ø7.9 G348.6 R3Ø7.Ø T257.9
AMES MUNI IA AD252.9
ANACOSTIA NAS, WASH DC OP143.7ØØ
ANDERSEN AFB GUAM MSC292.1
ANDERSON COUNTY SC AD385.4
ANDRAU ARPK, HOUSTON TX AD257.7 R257.8/312.6
ANDREWS AFB MD AD269.5/294.5 AFR143.8/351.2 CP141.55/ 378.1 DI372.2/122.85 E127.55/393.1 G121.8/275.8 R113.1/119.3/128.35/257.2/3Ø1.5/316.7/335.5/36Ø.8/ 379.2/389.8 S113.1/269.9 T118.4/236.6/289.6 WX344.6
ANDREWS AFB NAVAL AIR FACILITY DC DI14Ø.6/DI386.8
ANNISTON-CALHOUN CNTY AL AD381.5
ANOKA CNTY (JANES FLD) MPLS MN AD335.5
ARANSAS CNTY, ROCKPORT TX AD281.9
ARAPAHOE CNTY, DENVER CO AD3Ø7.3 R271.3/284.Ø/351.8/ 269.3
ARCATA CA CG381.8
ARDMORE OK AD322.4 T257.7
ARKADELPHIA AR AD257.8
ARLINGTON TX AD227.8/364.Ø
ARLINGTON WA AD3Ø6.9
ARMITAGE FIELD - SEE CHINA LAKE NWC
ARNOLD AFS, TULLAHOMA TN AD353.5
ARTESIA NM AD239.Ø
ASHEVILLE MUNI NC AD226.8/257.8/351.8 R226.8/257.8 T257.8
ASHLAND-BOYD CNTY KY AD257.8
ATHENS MUNI GA AD256.9 T336.2
ATKINSON MUNI, PITTSBRG KS AD32Ø.1
ATLANTA INT'L - SEE THE WM B HARTSFIELD ATLANTA INT'L
ATLANTA NAS - SEE DOBBINS AFB/ATLANTA NAS
ATLANTIC CITY - SEE NAFEC ATLANTIC CITY
ATLANTIC CITY MUNI (BADER) NJ AD396.Ø
AUBURN-LEWISTON MUNI ME AD381.2/269.6
AUBURN-OPELIKA (PITTS) AL AD388.Ø
AUGUSTA STATE ME AD269.6
AULT FIELD - SEE WHIDBEY ISL NAS
AURORA MUNI IL AD3Ø7.2/383.3
AURORA STATE OR AD284.6
AUSTIN MUNI MN AD257.8
AUSTIN-STRAUBEL, GREEN BAY WI AD257.8 R257.8 T257.8
BACON CNTY, ALMA GA AD29Ø.4
BADER FIELD - SEE ATLANTIC CITY MUNI
BAER FIELD - SEE FT WAYNE MUNI
BALDWIN COUNTY, MILLEGEVL GA AD279.6
BALTIMORE-WASH INT'L MD AD226.9/287.1/3Ø7.9 R3Ø7.9/ 36Ø.8/381.4/226.9/287.1 T257.8
BANGOR INT'L ME AD239.3/39Ø.9 ANG238.2 E348.6 G348.6 NG41.2Ø T257.8 R284.6
BARABOO-WISC DELLS WI AD3Ø7.1
BARKLEY, PADUCAH KY AD231.1 G226.3 T226.3
BARKSDALE AFB LA AD339.3/35Ø.2/351.1/363.8/372.9/327.Ø DI372.2 G275.8 R111.2/118.6/119.9/125.1/134.1/327.Ø/ 339.3/35Ø.2/351.1/372.9 S375.8 T126.2/236.6/295.7 WX373.1
BARNES MUNI, WESTFIELD MA AD325.8 ANG("HAWK CONTROL") 3Ø3.Ø G289.4 T251.8 R325.8
BARNSTABLE MUNI, HYANNIS MA AD284.6 T257.8
BARNWELL CNTY SC AD363.2
BARTLESVILLE OK CN126.2
BARTOW MUNI FL AD29Ø.3
BATES FLD, MOBILE AL AD269.3/3Ø7.1 CG381.8 G348.6 T239.Ø
BAXLEY MUNI GA AD29Ø.4
BAY CITY MUNI MI AD3Ø6.9
BAY VIEW WA - SEE SKAGIT REGN'L
BEALE AFB, CA AD134.1/269.6/271.3/285.6/327.5/353.7/ 363.8/383.1/385.6 D372.2 G275.8 R125.4/327.5 S273.5 WX373.1
BEAUFORT MCAS SC AD12Ø.Ø/125.6/3Ø1.2/314.Ø E281.8 G126.2/336.4 R12Ø.Ø/123.7/125.6/134.1/27Ø.8/286.Ø/ 3Ø1.2/3Ø5.2/314.Ø/318.8/344.4/383.6 T126.2/34Ø.2/ 36Ø.2 WX264.5
BEECH FACTORY, WICHITA KS AD29Ø.3/327.1 CN123.15/123.55 R327.1 T38.9Ø/126.2/314.6
BELOIT WI AD327.Ø
BEMIDJI MUNI MN AD251.1
BENEDUM ARPT, CLARKSBURG WV AD28Ø.1/239.3 T28Ø.1
BERGSTROM AFB TX AD3Ø6.2/362.3 CP("RAYMOND 28")381.3 CP(924 TAG "ABBREVIATE")314.2 G121.7/372.8 R114.6/ 118.8/124.9/134.1/3Ø6.2/362.3/363.8/388.2/391.9/395.9 DI372.2 S27Ø.1 T126.2/236.6/255.6 WX375.2
BEVERLY MUNI MA AD279.6
BIGGS AAF, FT BLISS TX AD263.Ø/3Ø7.Ø/353.5/379.1 DI34.5Ø G121.6/237.6 R118.7/119.7/3Ø7.Ø/353.5 T36.7Ø/126.2/3Ø3.1
BILLARD MUNI - SEE PHILIP BILLARD MUNI
BILLINGS LOGAN INT'L MT AD284.6 R284.6 T257.8
BIRMINGHAM MUNI AL AD338.2/385.6 CN123.45/26Ø.4 G348.6 ANG287.3 R126.2/338.2/385.6/257.8 T257.8
BISHOP ARPT, FLINT MI AD257.9 R257.9 T257.9
BISMARCK MUNI ND AD257.8 G348.6 NG49.8Ø T257.8
BI-STATE PARKS, E ST LOUIS IL AD254.3 T357.4
BLACK RVR FLS AREA WI AD248.2/363.Ø
BLACKSTONE AAF/PERKINSON MUNI, FT PICKETT VA AD317.7 OP44.7Ø T38.3Ø/122.8/126.2/241.Ø
BLAIR CNTY - SEE ALTOONA BLAIR CNTY
BLOOMINGTON-NORMAL IL T388.9
BLUE GRASS, LEX KY AD259.3/298.9 T257.8
BLUFFTON OH AD269.3
BLYTHE CA AD278.5
BLYTHEVILLE AFB AR AD111.8/125.Ø/291.8/363.8 DI376.Ø R291.Ø/125.Ø WX342.5 T126.2/255.9
BOB SIKES ARPT, CRESTVIEW FL AD251.1 CN123.2 MSC272.7/ 3Ø5.4 T126.2/316.9/292.1
BOCA CHICA FIELD - SEE KEY WEST NAS
BOEING FIELD/KING CNTY INT'L, SEATTLE WA AD263.1/284.7/ 338.2/385.2 CN123.Ø5/123.225/123.275/123.325/123.375/ 123.425/123.475/123.525 G257.8 T257.8
BOGUE MCALF, NEWPORT NC AD134.1/268.7 E262.6 G262.6 MSC("BOGUE Ø3")48.7Ø T119.5/321.8 WX344.6 R328.4/336.4/ 341.3/361.2/363.6
BOIRE FIELD, NASHUA NH AD324.3
BOISE AIR TERM (GOWEN FLD) ID AD379.8/269.4 E323.2 G348.6 NG41.5Ø T257.8 S239.3
BOLLING AFB, WASH DC - OP138.175/139.65/141.75Ø/ 163.463/163.488/173.588
BOLTON FIELD, COLUMBUS OH AD279.6
BOONE MUNI IA AD252.9 NG4Ø.6Ø/241.Ø
BOSCOBEL WI AD3Ø7.1
BOWL-GREEN-WARREN CNTY KY AD317.6
BOWMAN FLD, LOUISVLLE KY AD327.Ø/3Ø6.2 T248.2
BRACKETT FLD, LAVERNE CA AD269.3/351.1
BRADLEY INT'L, WINDSOR LKS CT AD323.2/327.1/359.Ø E322.3 G348.6 NG("FURY OPERATIONS")41.9Ø ANG349.7 R323.2/348.3 T351.8
BRIDGEPORT NJ AD3Ø7.2
BRIGHAM CY UT AD3Ø1.5
BROOKLEY AL AD269.3/3Ø7.1 T367.7
BROOKLYN CGAS - SEE FLOYD BENNETT FIELD
BROOME CNTY, BINGHAMTON NY AD397.2 R36Ø.8 T242.7
BROWNSVILLE INT'L TX AD257.6 T257.6
BRUCE CAMPBELL FLD, MADISON MS AD317.7/319.2
BRUNSWICK-GOLDEN ISLES GA - SEE GLYNCO JETPORT
BRUNSWICK NAS ME AD124.2/134.1/263.6/346.8 E36Ø.2 G126.2/ 352.4 R125.5/134.1/263.6/3Ø9.2/312.4/346.8/3Ø2.Ø T119.6/ 34Ø.2 WX264.Ø
BUCHANAN FLD, CONCORD CA R371.2 T257.8
BUCKEYE VLY, HEBRON OH AD353.9
BUCKLEY ANGB, AURORA CO AD119.3/3Ø7.3 DI372.2 G121.6/ 275.8 R119.3/3Ø7.3 T112.7/121.Ø/289.6 WX344.6
BUEHL FLD, LANGHORNE PA AD291.7
BUFFALO NY - SEE GREATER BUFFALO INT'L
BURBANK-GLENDALE-PASADENA CA AD317.5/36Ø.6/395.9 G348.6 T254.3 CN123.125/123.15/123.175/123.4/123.575
BURKE LAKEFRONT, CLEVE OH AD36Ø.6 T319.8
BURLINGTON CNTY ARPK, MT HOLLY NJ AD363.8
BURLINGTON INT'L VT AD353.8/36Ø.8/372.9/392.1/396.1 G348.6 DI293.7 NG41.ØØ R353.8/363.8/372.9/396.1 T29Ø.9/388.2/257.8
BURLINGTON MUNI WI AD3Ø7.Ø
BUSH FLD, AUGUSTA GA AD27Ø.3/231.1 ARMY49.7Ø MSC32.5Ø R231.1/279.3 T239.3
BUTLER-GRAHAM, PA AD338.2
BUTTS AAF, FT CARSON CO AD124.Ø/362.3 R119.9/118.5/ 34Ø.7/38Ø.2 T125.5/241.Ø/229.4
BYRD INT'L VA - SEE RICHARD EVELYN BYRD INT'L

CAIRNS AAF, FT RUCKER, OZARK AL AD1Ø9.7/111.2/125.4/ 125.8/133.45/232.5/234.4/237.5 E133.75/37Ø.3 G121.9/ 248.2 OP285.Ø S111.2/139.2 T1Ø9.7/111.2/126.2/241.Ø R128.55/134.1/229.6/242.6 WX128.8/344.6
CALDWELL-WRIGHT NJ - SEE ESSEX CNTY
CALLAWAY ARPT, LAGRANGE GA AD388.Ø
CALLAWAY GRDNS-HARRIS CNTY GA AD388.Ø
CAMBRIDGE MUNI MN AD323.1
CAMPBELL AAF, FT CAMPBELL, HOPKINSVILLE KY AD118.1/139.9Ø/ 34Ø.9/363.8/255.6 G121.8/275.8 DI372.2 MAC251.2 OP46.8Ø/141.25/139.3Ø/242.4 R118.1/134.1/255.6/29Ø.9/ 258.3/395.9/237.5 S3Ø2.2 T126.2/236.6/241.Ø WX344.6
CAMP PENDLETON MCAF, OCEANSIDE CA AD134.1/132.2/3ØØ.4/ 29Ø.4/323.Ø/363.1 T126.2/34Ø.2/382.2 G36Ø.2
CANNON AFB, CLOVIS NM AD124.Ø/119.Ø/358.3/397.2 G275.8 CP("RAYMOND 7")381.3 DI372.2 S119.1/269.9 T126.2/348.4 WX344.6 R124.Ø/134.1/289.4/34Ø.9/358.3/358.3/369.2/ 378.8/372.8
CANNON INT'L, RENO NV AD325.8/353.9 G348.6 R325.8/353.9 T257.8
CANYONLANDS FLD, MOAB UT AD3Ø7.9
CAPE MAY CNTY, WILDWOOD NJ AD263.6
CAPITAL ARPT, SPRNGFLD IL AD3Ø7.Ø/395.8 G348.6 R3Ø7.Ø/ 395.8 S27Ø.1 T257.8
CAPITAL CY, FRANKFRT KY AD298.9 NG36.2Ø/139.95
CAPITAL CY, LANSING MI AD257.8 R257.8 T257.8
CAPITAL CITY, HARRISBG PA AD339.3/379.8 DI34.1Ø/229.4 G348.6 R126.2/257.8/269.1/351.8 T257.8
CARIBOU MUNI ME AD359.3/363.8
CARL KELLER FLD, PT CLINTON OH AD269.5
CARROLL CNTY-TOLSON, CARROLLTON OH AD226.4
CARSWELL AFB TX AD12Ø.5/133.15/227.8/3Ø9.8 AFR252.1 DI376.Ø CN284.1/292.5 G121.85/275.8 S287.1 R12Ø.2/ 133.15/3Ø9.8/395.8/392.Ø/379.3/371.2/34Ø.7 WX342.3 T119.8/255.9
CASEMENT ARPT, PAINESVILLE OH AD36Ø.6
CASTLE AFB CA AD121.4/124.8/126.5/3Ø1.5/294.5/395.Ø E259.3 G275.8 CP311.Ø/321.Ø MSC372.1/379.8 S271.8 R121.4/124.8/294.5 T118.45/289.6 WX342.5
C D LEMONS MUNI, TUPELO MS NG35.5Ø/241.Ø
CECIL FIELD NAS, JAX FL AD12Ø.75/127.Ø/284.6/319.9/379.9 E268.7 G384.4 OP361.9 R134.1/266.8/27Ø.8/276.4/3Ø5.1/ 313.Ø/314.8/322.Ø/325.2/328.4/337.2/35Ø.8/354.8/299.6 T126.2/126.1/34Ø.2/36Ø.2 WX317.Ø S276.2
CEDAR RAPIDS MUNI IA AD247.2 T247.2 R247.2
CENTERVILLE MUNI TN AD381.4
CENTR WISC, MOSINEE WI AD317.7
CHAMBERSBURG MUNI PA AD339.3
CHAMBERS FIELD VA - SEE NORFOLK NAS

CHARLESTON AFB/INT'L SC AD118.5/119.3/284.Ø/257.1/
319.8 DI372.2 E118.Ø/381.6 G121.9/348.6 MAC13Ø.65/
349.4 R118.5/119.3/12Ø.7/271.3/257.1/271.3/284.Ø/
39Ø.8 S113.5 T126.Ø/239.Ø WX344.6
CHARLIE BROWN COUNTY - SEE FULTON COUNTY GA
CHARLLOTTESVILLE-ALBEMARLE VA AD38Ø.3 T242.7
CHASE CITY MUNI VA AD317.7
CHASE FIELD NAS TX AD121.3/134.1/264.2/337.8 E312.4
G336.4 MSC272.4 R121.3/264.2/272.2/279.2/3Ø1.2/3Ø2.Ø/
3Ø6.8/313.2/355.6/382.Ø S279.Ø T126.2/36Ø.2/35Ø.8
WX344.6
CHEMUNG CNTY, ELMIRA NY AD257.8 R257.8 T257.8
CHERRY CAPITAL, TRAVERSE CITY MI CG381.8 T32Ø.5
CHERRY POINT MCAS NC AD119.35/134.1/268.7/278.8/374.9
E126.2/263.6 G126.2/38Ø.8 OP3Ø6.6 R119.35/12Ø.15/124.1/
278.8/289.4/299.6/3Ø5.2/314.8/32Ø.4/337.2/348.Ø/374.9
S354.9 T121.3/34Ø.2/36Ø.2 WX344.6 USN RESERVE OPERATES
AS "CAMEL BASE" ON 383.4
CHESAPEAKE PORTSMOUTH VA AD257.3
CHESS-LAMBERTON, FRANKLIN PA AD322.3
CHESTER CNTY-CARLSON, COATESVILLE PA AD343.6
CHESTERFIELD COUNTY VA AD3Ø7.2/371.1
CHEYENNE MUNI WY AD269.Ø/281.5 G348.6 T257.8 MSC311.Ø
CHICAGO CGAS IL - SEE GLENVIEW NAS
CHICAGO-MIDWAY IL AD388.Ø R388.Ø T226.3
CHICAGO-O'HARE IL AD29Ø.2/269.5/337.4/363.8/393.1
ANG384.9 CP(928TH TAG)252.1 G348.6 R236.6/3Ø6.2/348.6/
363.8 T39Ø.9
CHICO MUNI CA AD3Ø6.9
CHINA LAKE NWC, RIDGECREST CA AD133.65/3Ø7.2/123.7/
126.55/127.5/269.4/291.6 G36Ø.2 T126.2/34Ø.2
CHINO CA AD259.1/295.7
CHIPPEWA CNTY INT'L, SLT STE MARIE MI AD344.5
CHISHOLM-HIBBING MN AD285.6/395.8
CINCINNATI OH - SEE GREATER CINCINNATI
CINCINNATI-BLUE ASH OH AD35Ø.3
CINCINNATI MUNI-LUNKEN OH AD35Ø.3 T257.8
CIVIC MEM, ALTON IL AD338.Ø T239.Ø
CLARENDON CNTY, MANNING SC AD353.5
CLARK AIR BASE PHILIPPINES MSC349.4
CLARK FLD MUNI, STEPHENVILLE TX AD353.7
CLATSOP CNTY, ASTORIA OR AD272.7 CG381.8
CLEMSON-OCONEE CNTY SC AD385.4
CLERMONT CNTY, BATAVIA OH AD35Ø.3
CLEVELAND-HOPKINS INT'L OH AD36Ø.6 ARMY4Ø.2Ø T257.8
CLINTON CNTY, PLATTSBURGH NY AD126.2/36Ø.8/372.9
CLINTON IA AD259.3
CLINTON-SHERMAN OK AD256.9 T239.Ø/256.9
CLOVIS MUNI NM AD358.3/397.2
COCHRAN GA AD388.2
COEUR D'ALENE AIR TERM ID AD384.9/269.2 ANG225.3/3Ø8.9
COLES CNTY, MATTOON IL AD335.6
COLORADO SPRGS MUNI/PETERSON FLD CO AD362.3/38Ø.2
E385.5 G348.6 OP372.2 DI372.2 R34Ø.7/38Ø.2 S254.3
T383.1/36Ø.6
COLUMBIA METRO SC AD285.6/338.2 G348.6 ARMY38.2Ø
R285.6/338.2 T257.8
COLUMBUS AFB MS AD12Ø.4/134.1/294.5/3Ø1.5 E119.55/338.6
G275.8 R12Ø.4/255.9/294.5 S115.2/273.5 T126.2/289.6
COLUMBUS BAKALAR MUNI IN AD317.8
COLUMBUS-LOWNDES CNTY MS AD294.5/3Ø1.5 R294.5/3Ø1.5
COLUMBUS METRO GA AD226.4/278.5/388.Ø G348.6 T257.8
CONCORD MUNI NH AD324.3/269.5 NG46.65
CONNELLSVILLE PA AD299.2
CORDELE GA - SEE CRISP CNTY-CORDELE
CORONA MUNI CA AD259.1/295.7
CORPUS CHRISTI INT'L TX AD233.7/3Ø7.9/363.1/385.6 G348.6
R363.1/385.6 T257.8
CORPUS CHRISTI NAS TX AD125.4/12Ø.9/3Ø7.9/363.1/385.6
ARMY("X-RAY CHARLIE")49.7Ø/139.2Ø/386.6 CG381.8 E314.8
G348.Ø R134.1/27Ø.8/278.8/337.2/38Ø.8/354.8 S138.6Ø/
268.4 T126.2/135.3/34Ø.2/36Ø.2 WX344.6
CORVALLIS MUNI OR AD239.Ø/291.7/371.9
CRAIG MUNI, JAX FL AD322.4/351.8/372.1 NG4Ø.9Ø/139.3Ø/
248.2 R322.4/351.8/372.1 T242.7
CRAWFORDSVILLE MUNI IN AD317.8
CREWS FIELD, RATON NM AD353.8
CRISP CNTY-CORDELE GA AD226.8/317.6
CROSSVILLE MEM TN AD254.3
CROUGHTON USAF ENGLAND MSC382.5
CROWS LANDING ALF CA AD125.1/363.2 T126.2/23Ø.2/336.4
CRYSTAL, MPLS MN AD335.5
CUMBERLAND MUNI MD AD327.1
CUYAHOGA CNTY, CLEVEL OH AD36Ø.6

DALLAS-FT WORTH REGN'L TX AD225.7/322.1/364.Ø/379.5/
256.7 E348.6 G348.6 R252.9/256.7/379.5/397.2 T3Ø8.2
DALLAS LOVE FLD TX AD252.9/372.1 G348.6 R29Ø.3/3Ø7.2
T239.3
DALLAS NAS/HENSLEY FLD TX AD118.55/124.5/125.2/127.75/
227.8/364.Ø/372.1/322.1 ARMY4Ø.5Ø NG46.8Ø/3Ø3.Ø
G382.8 R128.5/134.1/311.6/315.6/3Ø8.4/265.8/268.7/
271.4 T126.2/336.4/34Ø.2/36Ø.2
DANBURY MUNI CT AD319.8
DANE CNTY REGN'L/TRUAX FLD, MADISON WI AD35Ø.3/396.Ø
ANG396.9 G348.6 NG4Ø.8Ø R35Ø.3/396.Ø T258.8
DANIEL FLD, AUGUSTA GA AD27Ø.3 R27Ø.3
DANNELLY FLD, MONTGOMERY AL AD319.9/369.2 E27Ø.3/348.6
G348.6 NG4Ø.3Ø MSC271.3 284.Ø 291.Ø R126.2/134.1/
284.Ø/319.9/322.5/369.2/271.3 T257.8
DANVILLE MUNI VA AD3Ø7.Ø
DARLINGTON CNTY SC AD347.7
DAUGHERTY FLD - SEE LONG BEACH
DAVENPORT MUNI IA AD259.3 NG38.7Ø/241.Ø T226.4
DAVID HOOKS MEM, HOUSTON TX AD29Ø.2 G393.1 T393.1
DAVIS-MONTHAN AFB AZ AD125.9/124.Ø/125.1/297.2/363.8
E121.8/275.8 G121.8/275.8 DI372.2 R118.5/125.1/
259.1/297.2/393.1 T126.2/235.5 WX239.8
DAVISON AAF, FT BELVOIR VA AD118.1/119.85/322.3/343.7
E245.2 G121.9/245.2 R118.85/119.95/234.4/237.5/248.5
265.6 T126.3/241.Ø/229.4
DAYTONA BCH REGN'L FL AD372.3 G348.6 R322.3 T257.8
DAYTON GEN SOUTH OH AD327.1/353.7
DECATUR IL AD233.2/392.1 G392.1 T392.1
DEFIANCE MEM OH AD3Ø7.Ø
DEKALB-PEACHTREE, ATLANTA GA AD381.6 T228.3
DELAND MUNI/TAYLOR FLD FL AD322.3 R322.3
DELAWARE ARPK, DOVER-CHESWOLD DE AD339.1
DELAWARE CNTY-JOHNSON FLD, MUNCIE IN AD379.8 T379.8

DEL RIO INT'L TX A363.8/259.1 R259.1
DES MOINES MUNI IA AD252.9/272.7/36Ø.7/393.Ø E321.1
G348.6 ANG26Ø.4 R338.2 T257.8
DETROIT CGAS - SEE SELFRIDGE ANGB MI
DETROIT CITY MI AD363.2 T257.8
DETROIT METRO WAYNE CNTY MI AD348.3/363.2 R363.2
T287.1
DEWITT FLD OLD TOWN MUNI ME AD39Ø.9 R284.6
DOBBINS AFB GA AD121.Ø/385.5 CN275.2/314.6/345.4/
382.6 G121.8/275.8 CP(7ØØ TAS "EVA")381.3 R212.Ø/
119.3/119.8/343.6/385.5/381.6 T126.2/397.2 WX342.5
NAVY34Ø.2 DI372.2 S271.6
DODGE CNTY, JUNEAU WI AD3Ø6.3
DOOR CNTY CHERRYLAND, STURG BAY WI AD257.8
DOTHAN AL AD234.4 G348.6 T257.8
DOUGLAS MUNI, CHARLOTTE NC AD 257.2/316.7 ANG292.2
G348.6 R257.2/316.7 T257.8
DOVER AFB DE AD135.Ø5/139.9Ø/128.Ø/324.5/339.1/363.8
E118.Ø5/289.4 CP-MAC13Ø.65/349.4 DI372.2 G121.9/225.4
R125.9/294.7/318.1/359.3/373.Ø/388.9 S27Ø.1 T126.35/
327.5 WX342.5
DOYLESTOWN PA AD291.7
DRAKE FLD, FAYETTEVILLE AR AD269.Ø/369.Ø T369.Ø
DRAUGHON-MILLER MUNI, TEMPLE TX AD321.6 R321.6
DUBLIN MUNI GA AD279.6
DUBUQUE MUNI AD351.8 T226.8
DULLES INT'L DC AD35Ø.2/351.1/384.9 G348.6 T388.Ø
DULUTH INT'L MN AD255.9/285.6 G348.6 DI372.2 R134.1/
255.9/285.6/255.9/291.Ø/371.2/395.8 T257.8 WX342.5
DUNKIRK MUNI NY AD236.5/317.6
DUPAGE ARPT, W CHICAGO IL AD3Ø7.2 T257.8
DURANGO-LAPLATA COUNTY CO AD257.8
DUTCHESS CNTY, POUGHKEEPSIE NY AD3Ø6.3
DYERSBURG MUNI TN AD379.2
DYESS AFB TX AD121.3/124.1/125.Ø/126.5/134.1/322.3/
338.3/379.1/388.3/372.9 MAC349.4 G275.8 DI372.2
R134.1/351.1/372.9/388.8 S385.7 T126.2/295.7 WX344.6

EAKER FLD, DURANT OK AD377.1
EASTERN REGN'L JETPORT, KINSTON NC AD32Ø.1/338.6
R32Ø.1 T338.Ø
EASTERN W VA REGN'L, MARTINSBG WV AD384.9 G275.8
ANG("PIKESIDE CONTROL")297.Ø T236.6
EASTERWOOD FLD, COLL STA TX AD394.1 G257.8 T257.8
EASTHAMPTON NY AD257.8
EASTMAN-DODGE CNTY GA AD388.2
EAU CLAIRE CNTY WI AD335.6
EDW KNAPP STATE, MONTPELIER VT AD371.9
EDWARDS AFB CA AD126.1/127.8/133.65/29Ø.3/3Ø7.2
ARMY141.1/339.9 G121.8/39Ø.1 DI372.2 R127.8/133.65/
269.2/335.6/3Ø7.2 S116.4/269.9 T12Ø.7/236.6/318.1
CN123.475/123.525 UNICOM122.8 HELICOPTERS 123.Ø5
EDWARDS CNTY, ROCKSPRINGS TX AD327.Ø
EGLIN AF AUX #3 DUKE FL AD1Ø9.8/125.1/358.3 G251.2
R358.3/119.3/398.2 T126.2/338.7
EGLIN AFB FL AD1Ø9.8/125.1/358.3 E127.7/388.9
G121.8/335.8 CP372.8/39Ø.9 DI372.2 S273.5 R12Ø.9/
322.6 T118.2/348.4 WX322.6
EL CENTRO NAF CA G263.4 T126.2/34Ø.2/36Ø.2
ELGIN IL T257.8
ELIZABETH CITY CGAB/MUNI NC CG381.8 T355.6
ELIZABETH FLD, FISHERS I NY AD279.2
ELKHART MUNI IN AD257.8
ELLINGTON AFB TX AD119.7/12Ø.8/123.8/124.35/257.7/
279.1/284.Ø/3Ø7.1/396.Ø R124.35/124.5/284.Ø/3Ø7.1
S111.Ø/269.9 G121.6/275.8 NG41.3Ø T111.Ø/126.2/
253.5
ELLSWORTH AFB SD AD125.3/119.5/271.3/396.Ø E121.1/
289.4 G275.8 DI372.2 R119.5/134.1/125.3/259.1/
271.3/284.Ø/363.8/373.Ø/39Ø.8/393.Ø WX375.2
T126.2/236.6/253.5 MSCC("SKY BIRD")311.Ø
ELMENDORF AFB AK MSC349.4
EL MONTE CA AD269.3/351.1
EL PASO INT'L TX AD263.Ø/3Ø7.Ø/353.5/379.1 E379.1
G263.Ø R29Ø.9/3Ø7.Ø/353.5/379.1/388.2/391.Ø
T257.8
EL TORO MCAS CA AD124.1/128.1/132.7/268.7/38Ø.2/
381.4 E3Ø1.3 G383.8 DI328.1 S117.2/328.1 R132.7/
133.35/255.1/299.6/3Ø5.5/314.8/32Ø.4/337.2/348.Ø/
263.6/38Ø.2 T133.1/271.7/36Ø.2 WX344.6
EMPORIA MUNI KS AD269.2
EMPORIA MUNI VA AD323.Ø
ENGLAND AFB LA AD121.2/118.2/363.8/395.9 G275.8
DI372.2 S27Ø.1 CP("RAYMOND 12")381.3 R134.1/
29Ø.9/291.1/297.2/3Ø1.5/388.2/391.9 WX239.8
MSCC("TIGER")28Ø.5 T126.2/255.6
ENID WOODRING MUNI OK AD291.1 R291.1/358.3
EPHRATA MUNI WA AD385.5
EPPLEY AIRFLD, OMAHA NE AD281.5/263.Ø/363.8 T257.8
ERIE INT'L PA AD257.8 T257.8
ESLER REGN'L, ALEXANDRIA LA AD363.8 T323.4
ESSEX CNTY-CALDWELL NJ AD379.9
EVANSVILLE-DRESS REGN'L IN AD226.4 R226.4 T257.8
ELEVETH-VIRGINIA MUNI MN AD285.6/395.8
EXECUTIVE-JOHNSON CNTY, OLATHE KS AD294.7 T241.1

FAIRCHILD AFB WA AD111.6/229.9/124.3/124.7/263.Ø/372.9
384.9/316.7 ANG396.9 G275.8 T126.2/289.6
FAIRFAX MUNI, KANS CY KS AD291.Ø T247.2
FAIRHOPE MUNI AL AD269.3/3Ø7.1
FALLON MUNI NV AD263.6
FALLON NAS/VAN VOORHIS FLD NV AD119.25/36Ø.2 G382.8
R123.Ø/134.1/262.8/271.5/275.6/281.8/321.9/31Ø.6/
314.8/324.9/34Ø.3/345.2 MSC36Ø.2 T134.1/34Ø.2
FANNING FLD, IDA FLS ID T257.8
FARMINGTON MUNI NM AD257.8 T257.8
FAYETTEVILLE MUNI/GRANNIS FLD NC AD34Ø.7/295.Ø/393.Ø
G348.6 R295.Ø/34Ø.7 T257.8
FELKER AAF, FT EUSTIS VA AD125.7/124.1/379.1/395.8
G121.35/229.4 OP41.5Ø R127.5/234.4/237.5 T126.3/
241.Ø/248.2
FELTS FLD, SPOKANE WA AD263.Ø/372.9/384.9 T241.Ø
FINDLAY OH AD269.3
FITCHBURG MUNI MA AD279.6
FITZGERALD MUNI GA AD285.6
FLORENCE CITY-CNTY SC AD347.7 G379.8 E379.8 T379.8

FLOYD BENNETT CG AIR STA, BROOKLYN NY CG277.8/282.8/381.7/
381.8/383.9/416.713/418.413 NY POLICE OPNS 47Ø.837
FLYING CLOUD, MINNPLS MN AD335.5
FOND DU LAC CNTY WI AD3Ø6.3
FORBES FLD, TOPEKA KS AD29Ø.2 ANG286.5 G275.8
NG41.7Ø T255.9
FORD ARPT, IRON MTN MI AD387.Ø
FORNEY AAF, FT WOOD MO R237.5/321.6/118.7 T11Ø.Ø/
126.2/229.4/241.Ø UNICOM 122.95
FORREST SHERMAN FLD - SEE PENSACOLA NAS
FT BELVOIR VA - SEE DAVISON AAF
FT BENNING GA - SEE LAWSON AAF
FT BLISS TX - SEE BIGGS AAF
FT CAMPBELL KY - SEE CAMPBELL AAF
FT CARSON CO - SEE BUTTS AAF
FT COLLINS-LOVELAND MUNI CO AD284.7
FT DEVINS MA - SEE MOORE AAF
FT DRUM - SEE WHEELER-SACK AAF
FT HOOD TX - SEE HOOD AAF & ROBERT GRAY AAF
FT INDIANTOWNGAP PA - SEE MUIR AAF
FT KNOX KY - SEE GODMAN AAF
FT LAUDERDALE EXEC FL AD3Ø6.3 T239.3
FT LAUDERDALE HOLLYWOOD INT'L FL AD255.6/285.6/3Ø6.3/
38Ø.2 R255.6/38Ø.2 T257.8
FT LEONARD WOOD - SEE FORNEY AAF
FT LEWIS WA - SEE GRAY AAF
FT MC COY WI - SEE MC COY AAF
FT MEADE MD - SEE TIPTON AAF
FT ORD CA - SEE FRITZSCHE AAF
FT PICKETT VA - SEE BLACKSTONE AAF
FT POLK LA - SEE POLK AAF
FT RILEY KS - SEE MARSHALL AAF
FT RUCKER AL - SEE CAIRNS AAF & HANCHEY AHP
FT SILL OK - SEE HENRY POST AAF
FT SMITH MUNI AR AD228.4/393.Ø G275.8 R393.Ø T381.6
FT STEWART GA - WRIGHT AAF
FT WAYNE MUNI/BAER FLD IN AD26Ø.6/284.6/369.2/398.2
G348.6 R26Ø.6/284.6 S349.Ø T257.8
FOSS FIELD - SEE JOE FOSS FLD SD
FOX AIRFLD CA - SEE GEN WM FOX AIRFLD
FRANCIS E WARREN AFB WY - SEE CHEYENNE MUNI
FRANKLIN COUNTY, HIGHGATE VT AD36Ø.8
FRANKLIN MUNI-J B ROSE VA AD353.7
FRANK PHILLIPS ARPT, BARTLESV OK AD38Ø.2
FREDERICK MUNI MD AD287.1/3Ø7.9
FREEDOM FLD, MEDINA OH AD36Ø.6
FREMONT OH AD3Ø7.Ø
FRESNO AIR TERM CA AD297.2/315.6 G348.6 T251.1
ANG("GRIFFIN OPS")298.3 NG("SHARK OPS")255.8
FRITZSCHE AAF, FT ORD CA AD12Ø.8/127.15/133.Ø/263.6/
3Ø2.Ø G121.8/241.Ø T41.5Ø/126.2/229.6 WX344.6
R124.6/234.4/237.5
FULLERTON MUNI CA AD343.9
FULTON CNTY-BROWN FLD, ATLANTA GA AD385.5 G348.6
R385.5 ARMY("FORSCOM OPS")141.35 T257.8

GADSDEN MUNI AL AD231.1
GAINESVILLE REGN'L FL AD357.4 T353.7
GALESBURG MUNI IL AD316.1
GALION MUNI OH AD39Ø.8
GARDNER MUNI MA AD338.2
GARY MUNI IN AD323.2
GASTONIA MUNI NC AD257.2 R257.2/3Ø7.Ø
GATEWAY NO INDUSTR, ANOKA MN AD355.5
GEN MITCHELL FLD, MILW WI AD3Ø7.Ø/379.8 G348.6 R126.2/
263.Ø/291.7/257.8 ANG("UPSET CONTROL")139.5Ø/351.2
T325.8 CN222.Ø
GEN WM FOX AIRFLD, LANCASTER CA AD29Ø.3/284.7
GEORGE AFB CA AD133.15/134.1/269.2 E225.4 G275.8
DI372.2 S273.5 R133.15/134.1/269.2/34Ø.9/369.2/
378.8/389.9/372.8 CP("RAYMOND 6")381.3 WX344.6
T118.35/348.4 CN275.2
GEORGE BRYAN FLD, STARKVILLE MS AD294.5/3Ø1.5
GEORGETOWN CNTY SC AD259.3
GILMER MEM GA - SEE LEE GILMER MEM
GLASGOW MUNI KY AD3Ø7.2
GLEN L MARTIN STATE, BALTO MD AD287.1.3Ø7.9 G253.4
CP(175 TACTICAL FIGHTER GROUP "COLT CON")347.2
T297.2
GLENVIEW NAS IL AD125.7/119.Ø/125.Ø/126.9/3Ø6.2/
34Ø.2/337.4 CG381.8 G382.8 R134.1/289.4/315.6/345.2/
3Ø8.4 DI372.2 T126.2/36Ø.2/34Ø.2 WX341.3
GLYNCO JETPORT, BRUNSW GA AD277.4
GODDARD SPACEFLIGHT CTR, GREENBELT MD OP148.25/148.98/
149.52/149.82/164.175/167.825/167.925/167.975/17Ø.Ø25/
17Ø.35Ø/17Ø.4ØØ/171.ØØØ/173.688/412.ØØØ
GODMAN AAF, FT KNOX KY AD12Ø.5/123.7/124.5/3Ø6.2/
388.2 G121.8/241.Ø R126.8/234.4/237.5 T32.1Ø/126.2/
229.6
GOLDEN TRIANGLE REGN'L, COLUMBUS MS AD294.5/3Ø1.5
GOSHEN MUNI IN AD257.8
GOWEN FIELD ID - BOISE AIR TERM
GRAND FORKS AFB ND AD116.7/118.1/121.1/371.2/318.1
G275.8 R318.1 DI372.2 WX344.6 TC("RED RIVER")126.2/
349.Ø
GRAND FORKS INT'L ND AD118.1/318.1/371.2 R318.1
T388.8
GRAND STRAND, N MYRT BCH SC AD259.3/291.Ø/343.6
G397.2 T397.2
GRANT CNTY, MOSES LK WA 385.5 T257.8
GRANT CNTY, PLATTEVILLE WI AD351.8
GRATIOT COMMUNITY, ALMA MI AD257.8
GRAY AAF TX = SEE ROBERT GRAY AAF TX
GRAY AAF, FT LEWIS WA AD12Ø.1/121.1/269.6/29Ø.9
E121.9/229.5 G121.9/229.5 OP32.3Ø R128.2/255.7/
237.5 T41.5Ø/126.2/241.Ø/248.2
GRAYLING AAF, CAMP GRAYLING MI G121.9 T37.ØØ/126.2/
241.Ø UNICOM 122.8
GREATER BUFFALO INT'L NY AD236.5/257.8/3Ø5.4/317.6
E224.7 G257.8 R126.2/236.5/257.8/263.5/3Ø5.4/317.6
T257.8
GREATER CINCINNATI INT'L KY/OH AD256.7/257.2 T286.6
R126.2/257.8
GREATER KANKAKEE IL AD323.2
GREATER PEORIA IL AD269.2 G348.6 R269.2 T269.2/
28Ø.1 ANG286.5

GREATER PITTSBURGH INT'L PA AD36Ø.8/338.2/337.4/
363.8 G348.6 E3Ø5.4 AFR252.1 ANG3Ø3.Ø T3Ø5.4/236.6
R126.2/236.6/363.8/388.Ø CP("TRICE OPS")252.1
GREATER PORTSMOUTH REGN'L OH AD257.8
GREATER ROCKFORD IL AD287.1/327.Ø G348.6 R239.Ø/
327.Ø T239.Ø
GREATER WILMINGTON DE AD323.1 G275.8 NG38.6Ø T3Ø5.4
GREAT FALLS INT'L MT AD29Ø.3 ANG287.5 G348.6 E363.8
R259.1/271.3 T257.8
GREEN BAY WI CN34.55/36.55/46.91/233.7/31Ø.6/385.Ø
GREENE CNTY, XENIA OH AD327.1/353.7
GREENSBORO-HI PT-WINST SALEM REGN'L NC AD233.2/
247.2/322.3 G348.6 R247.2/324.7/361.3/381.6 T226.3
GREEN STATE RI - SEE THEODORE FRANCIS GREEN STATE
GREENVILLE DWNTN SC AD385.4 R385.4 T257.7
GREENVILLE INT'L MS G256.9 T256.9
GREENVILLE-SPARTANBG, GREER SC AD35Ø.2/385.4
R35Ø.2/385.4 T257.8
GREENWOOD CNTY SC AD35Ø.2
GREGG CNTY, LONGVIEW TX AD272.7 R272.7 T257.8
GRIDER FLD, PINE BLUFF AR AD353.6
GRIFFING-SANDUSKY OH AD269.5
GRIFFISS AFB NY AD118.5/12Ø.9/353.6/363.8/395.Ø DI372.2
G275.8 R134.1/139.9Ø/3Ø1.5/316.7/393.Ø T126.2/236.6/
289.6 WX344.6
GRISSOM AFB IN AD116.5/12Ø.Ø/351.1/363.8 DI372.2 E324.3
G275.8 R12Ø.Ø/363.8 T126.2/295.7 WX344.6 S116.5/271.8
OP(434 TACT FIGHTER WING)354.2
GRISSOM MUNI - SEE VIRGIL I GRISSOM MUNI IN
GROTON-NEW LONDON CT AD31Ø.8 G352.8 NG4Ø.9Ø T352.8
GRUMMAN-BETHPAGE NY AD269.Ø/388.Ø/396.1 E348.6 T126.2/
34Ø.2 CN36.9Ø/256.5/268.8/275.2/3Ø9.8/314.6/345.4/
36Ø.4/372.3/382.6/398.6/399.8
GRUMMAN-CALVERTON NY - SEE PECONIC RIVER PLANT
GULFPORT-BILOXI REGN'L MS AD287.1/354.1 G348.6 NG241.Ø
R287.1/354.1 T379.8

HAGERSTOWN REGN'L MD AD29Ø.3 T265.7
HALE CNTY-PLAINVIEW TX AD335.6/351.8 T257.8
HALL CNTY REGN'L, GR ISLE NE AD388.2 G388.2 T388.2
HAMILTON FLD, SAN RAFAEL CA AD323.Ø MSC241.Ø
HAMMOND MUNI LA AD337.2
HAMMONTON MUNI NJ AD263.6
HANCHEY AHP, FT RUCKER AL AD128.55/125.4/248.4 G149.6Ø/
249.4 E291.Ø T148.9Ø/248.4
HANCOCK CNTY, BAR BRBR ME AD284.6/39Ø.9
HANOVER CNTY MUNI, ASHLAND VA AD3Ø7.2.371.1
HAMSCOM FLD MA - SEE LAURENCE G HANSCOMB FLD
HARLINGEN INDUSTR AIRPK TX AD257.6/291.6 T32Ø.5
HARRISBURG INT'L-OLMSTED FLD, MIDDLETOWN PA AD339.3/
379.8 ANG395.1 R339.3/379.8 T231.1
HARRY CLEVER FLD, NEW PHILA OH AD226.4
HARTFORD-BRAINARD ARPT CT AD348.3 T248.2
HARTFORD MUNI WI AD3Ø7.Ø
HARTSFIELD GA - SEE THE WILLIAM B HARTSFIELD
HARTSVILLE MUNI SC AD358.3
HASTINGS MUNI NE AD388.2/287.9
HAWKINS FLD, JACKSON MS AD317.7/319.2 G348.6 NG241.Ø
T257.8
HAWTHORNE MUNI CA AD269.Ø/36Ø.7/363.2/381.6/385.4
T257.8
HAYWARD AIR TERM CA AD317.6/35Ø.8/351.8 G348.6 T258.8
RESCUE 139.7Ø/39Ø.Ø
HAZLEHURST GA AD29Ø.4
HAZLETON MUNI PA AD381.5
HECTOR FLD, FARGO ND AD255.6/399.9 E348.6 DI262.Ø
R395.9 G348.6 T29Ø.4
HELENA MT AD226.3 NG4Ø.6Ø T257.8
HENDERSON CITY-CNTY KY AD257.8
HENRY VA - SEE PATRICK HENRY
HENRY POST AAF, FT SILL OK AD118.6/12Ø.55/233.2/248.2
E121.7/229.6 G121.7/229.6 R125.7/234.4/237.5
T126.2/229.4/241.Ø
HENRY T MYERS ARPT, TIFTON GA AD259.3
HENSLEY FLD - SEE DALLAS NAS TX
HERBERT SMART DWNTWN, MACON GA AD324.3 R324.3
HEREFORD MUNI TX AD3Ø7.Ø/3Ø7.9
HERNDON FLD, ORLANDO FL AD284.7/3Ø7.Ø G239.Ø R284.7/
3Ø7.Ø T239.Ø/259.1/351.9
HERSHEY AIRPK PA AD379.8 R126.2/269.1/351.8
HICKORY MUNI NC T381.2
HIGGINSVILLE INDUSRE MUNI MO AD285.6
HIGHLAND CNTY, HILLSBORO OH AD29Ø.5
HILL AFB UT AD12Ø.2/124.9/126.Ø/29Ø.3/3Ø1.5/3Ø7.2/316.7/
381.2/389.8 E124.1/335.8 G275.8 R121.1/3Ø1.5 WX375.2
DI372.2 S27Ø.1 TAC("RAYMOND 23")381.3 CP("CONVOY")
381.3 OP(5Ø8TH)252.1 S27Ø.1
HILTON HEAD ISL SC AD381.7
HOBART MUNI OK AD29Ø.9/348.3
HOLLOMAN AFB NM AD12Ø.6/128.1/284.Ø/324.3 E128.1/324.3
DI372.2 ARMY229.3 G275.8 R12Ø.6/134.1/271.3/324.3/
32Ø.1/339.3/392.Ø/396.Ø/398.2 ARMY229.3 WX344.6
CP("RAYMOND 14")381.3
HOLLY SPRGS-MARSHALL CNTY MS AD287.1/312.2/338.3
HOLLYWOOD-BURBANK CA - SEE BURBANK-GLENDALE
HOMESTEAD AFB FL AD118.1/317.7/354.1 G275.8 WX375.2
R118.1/134.1/317.1/339.3/351.1/363.8
AFR(951 TACT FIGHTER GROUP "MAKO") 364.Ø
CP("RAYMOND 15")381.3 TAC("WYVERN")28Ø.5
HOOD AAF, FT HOOD TX AD111.8/118.Ø/118.6/244.Ø
G143.1Ø/225.4 E225.4 R118.6/244.Ø T126.2/229.6
WX41.2Ø RANGE CONTROL 36.3Ø/38.3Ø/231.6
HOOK FIELD MUNI, MIDDLETWN OH AD327.1/353.7
HOOKS MEM TX - SEE DAVID W HOOKS MEM
HOPE MUNI AR AD257.8
HOPEWELL VA AD381.5
HORACE WILLIAMS APT, CHAPEL HLL NC AD3Ø7.9
HORLICK-RACINE WI AD379.8
HORNELL MUNI NY AD338.3
HOULTON INT'L ME AD269.2
HOUMA-TERREBONNE LA AD362.3
HOUSTON CGAS TX - SEE ELLINGTON AFB
HOUSTON INTCNTL TX AD257.7/3Ø7.1/379.1/396.Ø T29Ø.2
R126.2/257.8/312.6 TERM CONTROL AREA 257.7/284.Ø/
396.Ø
HUGHES AIRCRAFT, CULVER CY CA T126.2 CN132.4
HULMAN FLD, TERRE HAUTE IN AD239.Ø/397.2 G348.6
T239.Ø
HUMPHREY-HOUSTON TX AD396.Ø

HUNTER AAF, SAVANNAH GA AD12Ø.4/121.1/125.3/387.1/
354.Ø G121.8/248.2 NG31.5Ø WX41.6Ø/344.6 CG381.8
T133.55/229.6/241.Ø R12Ø.4/132.2/149.4Ø/227.3/
321.6 DI143.1Ø
HUNTINGBURG IN AD257.8
HUNTSVILLE-MAD CNTY JETPORT CARL JONES FLD AL
AD239.Ø/354.1 T257.8
HUNTSVILLE MUNI TX AD3Ø7.8
HURLBURT FLD, MARY ESTHER FL AD1Ø9.8/125.1/358.3
G275.8 DI372.2 R119.3/126.5/139.9Ø/297.2/321.1/
326.2/393.Ø/398.2 CP("RAYMOND 1Ø")14Ø.4Ø/398.2
HUTCHINSON MUNI KS AD325.8 T363.Ø

IGOR SIKORSKY MEM, BRIDGEPORT CT AD319.8 G257.8
T257.8 CN36.9Ø/38.9Ø/41.1Ø/49.7Ø/123.15/123.325/
123.35/123.55/134.1Ø/14Ø.Ø5/233.Ø/233.8/275.2/
3Ø5.8/314.6/345.4/359.4/38Ø.4/382.6/383.4
IMPERIAL BCH-REAM FLD CA AD285.2/269.1 G285.9 T126.2/
271.4 S276.2
INCIRLIK CDI, ADANA TURKEY (USAF) MSC376.2
INDIANA CNTY, JIMMY STEWART AIRFLD PA AD299.2
INDIANAPOLIS-BROOKSIDE IN AD317.8 ARMY RES 34.7Ø
INDIANAPOLIS INT'L IN AD317.8 G257.8 T257.8
INDIANAPOLIS METRO IN AD317.8
INDIANOLA MUNI MS AD29Ø.4
INGALLS FLD, HOT SPRGS VA AD353.9
IOSCO CNTY E TAWAS MI AD3Ø1.5 R3Ø1.5
IOWA CITY MUNI IA AD247.2

JACKSON CNTY-REYNOLDS FLD MI T257.8
JACKSON HOLE WY AD323.Ø
JACKSONVILLE INT'L FL AD322.4/351.8 E348.6 G348.6
R284.6/329.9/335.6/347.8/372.1/379.9 T317.7 ANG3ØØ.8
JACKSONVILLE NAS/TOWERS FLD FL AD12Ø.3/12Ø.75/124.9/
126.2/319.9/322.4/351.8/352.4/379.9/284.6 WX344.6
OP31Ø.2 G126.2/336.4 S281.Ø T124.Ø/34Ø.2/355.8
R124.Ø/127.7/134.1/266.8/276.4/278.8/299.6/3Ø5.8/
314.8/315.4/325.2/328.4/337.2/348.Ø/35Ø.8/354.8/
363.6/374.8 E126.2/352.4 S281.Ø SECURITY 14Ø.575
JAMES CONNALLY, WACO TX AD363.Ø
JAMES COX-DAYTON INT'L OH AD291.1/255.4/294.5
T257.8 R294.7/324.5/316.7/327.1
JEFFCO, DENVER CO AD381.5 T388.Ø R271.3/269.3/284.Ø/
351.8
JEFFERSON CY MEM MO NG46.7Ø/118.55 T49.8Ø
JEFFERSON CNTY, BEAUMONT TX AD251.1/322.3 R395.Ø
T251.1
JERRY TYLER MEM, NILES MI AD257.8
JIMMY STEWART PA - SEE INDIANA CNTY
JIM TAYLOR FLD FL - SEE OCALA MUNI
JOE FOSS FLD, SIOUX CY SD AD267.9/353.6 G348.6
R353.6 T257.8
JOHN F KENNEDY INT'L, NY NY AD269.Ø/28Ø.1/388.Ø
E348.6 G348.6 T258.3
JOHN F KENNEDY MEM, ASHLAND WI AD284.6
JOHNS ISLAND SC AD319.8
JOHNSON-BELL FLD, MISSOULA MT AD257.8/317.7 T257.8
JOHNSON CNTY INDUSTR, OLATHE KS AD294.7 ARMY46.9Ø/
368.1 T356.7
JOHNSTOWN-CAMBRIA CNTY PA AD299.2
JOHN WAYNE/ORANGE CNTY, SANTA ANA CA AD263.1 T379.9
JOPLIN MUNI MO AD32Ø.1 T32Ø.1

KALAMAZOO MUNI MI AD 34Ø.9/359.Ø
KANAWHA ARPT, CHARLESTON WV AD259.1 E348.6 G348.6
ANG283.8 R259.1 T257.8
KANSAS CITY DWNTN MO AD291.Ø T257.8
KANSAS CY INT'L MO AD318.1/338.6 T267.9
KARNES CNTY, KENEDY TX AD264.2
KEESLER AFB MS AD1Ø9.Ø/127.5/287.1 G121.8/275.8
WX344.6 R124.6/354.1 S271.8 DI372.2 AFR("TEAL")
385.9 TAC(7AACS)28Ø.5 MAC("GULL")349.4
AEROMEDICAL EVACUATION CONTROL CENTER 236.6
T126.2/32Ø.1
KELLOGG REGN'L AIRFLD - SEE W.K. KELLOGG REGN'L
KELLY AFB TX AD12Ø.3/125.7/125.1/118.Ø5/269.1/3Ø7.Ø/
353.5/381.4 G121.8/289.4 R118.Ø5/353.5 DI13Ø.65/
372.2 S113.8/273.5 AFR(433 TACTICAL AIR WING)
143.8Ø/314.2 WX239.8 T113.8/126.2/32Ø.1
KELSO-LONGVIEW WA AD317.6
KENMORE AIR HARB SEAPLANE WA AD3Ø6.9
KENNEDY AEROSPACE CENTER, CAPE CANAVERAL FL OP49.62Ø/
49.7ØØ/119.6/121.75/126.2/126.3/136.ØØ/136.38/138.15/
139.Ø5/139.25/139.3Ø/139.9Ø/14Ø.2Ø/141.ØØ/141.3Ø/
142.86/143.28/143.43/148.25/148.485/148.515/148.56/
148.95/148.98/149.15/149.175/149.25/149.48/149.52/
149.82/15Ø.15Ø/15Ø.195/15Ø.25Ø/162.Ø13/162.613/
163.463/163.513/163.588/164.5Ø/164.75Ø/165.Ø13/
165.Ø38/165.113/165.613/167.85Ø/168.45Ø/17Ø.35Ø/
17Ø.4ØØ/171.ØØØ/171.15Ø/173.488/173.538/173.563/
173.663/173.688/232.9/239.4/24Ø.2/24Ø.4/24Ø.6/
24Ø.8/241.2/241.4/241.6/241.8/242.Ø/259.7/264.8/
282.8/284.Ø/294.6/296.6/341.6/349.6/379.7/4Ø6.5/
4Ø7.325/4Ø8.15Ø/413.325/413.8ØØ
KENOSHA MUNI WI AD379.8
KENT CNTY INT'L, GR RPDS MI AD257.6 R257.6 T257.6
KEY FIELD, MERIDIAN MS AD269.6 G348.6/395.8
R134.1/255.8/375.9 T257.8 ANG292.3
KEY WEST INT'L FL AD263.6 G257.8 T257.8
KEY WEST NAS/BOCA CHICA FLD FL AD263.6 WX344.6
G121.7/336.4 R118.7/134.1/289.4/313.2/35Ø.8/
355.6/382.Ø T126.2/3Ø5.2/34Ø.2/36Ø.1
KICKAPOO DWNTWN, WICH FLS TX AD259.1 E289.Ø
KILLEEN MUNI TX AD244.Ø R244.Ø
KING COUNTY INT'L - SEE BOEING FLD
KINGS LAND O LAKES WI AD281.5
KINGSLEY FLD, KLAMATH FLS OR AD351.7 G348.6 T257.8
KINGSVILLE NAS TX AD119.9/3Ø5.2/383.6 E328.4 G352.4
WX344.6 S274.8 R119.9/128.45/266.8/3ØØ.4/31Ø.8/
325.2/322.Ø/358.Ø/363.6/384.4 T126.2/34Ø.2/346.Ø
KIRTLAND AFB NM - SEE ALBUQUERQUE INT'L
K I SAWYER AFB MI AD116.3/119.1/363.8/259.3 G275.8
WX344.6 R119.1/363.8 DI372.2 T126.2/236.6/255.6
KISSIMMEE MUNI FL AD284.7
KITSAP CNTY, BREMERTON WA AD385.2/395.Ø

KLEBERG CNTY, KINGSVILLE TX AD3Ø5.2/383.6 R266.8/3ØØ.4/
31Ø.8/352.2/322.Ø
KNAPP STATE VT - SEE EDWARD KNAPP STATE
KNIGHT ARPT FL - SEE PETER KNIGHT
KNOX CNTY OH, MT VERNON OH AD353.9
KNOX CNTY REGN'L, ROCKLAND ME AD263.6
KOKOMO MUNI IN AD351.1
KROELINGER ARPT, VINELAND NJ AD263.6
KUPPER ARPT, MANVILLE NJ AD379.9

LACONIA MUNI NH AD269.5
LA CROSSE MUNI NH AD248.2 T248.2
LAFAYETTE REGN'L LA AD278.5/363.Ø R278.5/363.Ø T257.8
LAGUARDIA ARPT, NEW YORK NY AD263.Ø G263.Ø T263.Ø
LAGUNA AAF/YUMA PROVING GND AZ AD314.Ø/336.4/374.8
T41.5Ø/126.2/241.Ø G229.4
LAJES FLD USAF AZORES IS MSC349.4
LAKE CHARLES MUNI LA AD319.9 R319.9 T257.8
LAKE CITY MUNI FL AD385.6 T314.6 CN123.2/123.45
LAKEFIELD ARPT, CELINA OH AD351.8
LAKEFRONT ARPT, NEW ORL LA AD269.2/284.7/337.2
NG4Ø.9Ø R126.2/257.8 T257.8/126.2
LAKEHURST NAEC NJ AD124.85/127.5/259.3/363.8 G352.4
ARMY255.7 T126.2/34Ø.2/36Ø.2
LAKELAND MUNI FL AD29Ø.3
LAKE TAHOE CA AD3Ø7.8 T257.8
LAKEWOOD NJ AD363.8
LAMBERT-ST LOUIS INT'L MO AD289.1/324.1/335.5/36Ø.6
G348.6/3Ø6.2 E363.1 R338.2/379.1 T284.6/257.7
CN("MAC")123.2/123.3/123.35/123.525/123.55/382.6
LANCASTER PA AD379.8 T251.1
LANGLADE CNTY, ANTIGO WI AD257.8
LANGLEY AFB VA AD124.9/125.7/379.1/395.8 DI122.9/
376.Ø WX239.8 G121.7/275.8 S27Ø.1 R118.9/12Ø.3/
124.9/126.Ø5/126.7/127.9/132.35/141.6Ø/249.9/
257.3/271.3/284.Ø/289.4/295.7/297.4/3Ø8.6/35Ø.3/
353.7/36Ø.6/379.1/388.8/39Ø.8 T125.1/253.5
CP("RAYMOND 16")344.8/381.3 TAC("RAYMOND 1")381.3
NAT'L AERON & SPACE ADMIN 122.85/314.6
LANSDOWNE ARPT, YOUNGSTOWN OH AD381.4
LA PORTE MUNI TX AD284.Ø R126.2/257.8/312.6
LAREDO INT'L TX AD3Ø7.2 G257.9 T257.9
LAS VEGAS MUNI NM AD269.4
LATROBE PA - SEE WESTMORELAND CNTY
LAUGHLIN AFB TX AD114.4/119.6/259.1/264.8 G275.8
S114.4/269.9 E335.8 R119.6/259.1 T126.2/396.Ø
LAURENCE HANSCOM FLD, BEDFORD MA AD279.6 T236.6
CN123.2.123.375/123.45/275.2/314.6/345.4/382.6
ELECTRONICS SYSTEM CP 397.1
LAURINBURG-MAXTON NC AD393.9
LAWRENCE TIMMERMAN ARPT, MILW WI AD3Ø7.Ø
LAWRENCE MUNI KS AD29Ø.2 363.Ø
LAWRENCE MUNI MA AD279.6
LAWRENCEVILLE-BRUNSW MUNI VA AD317.7
LAWRENCEVILLE-VINCENNES MUNI IL AD239.Ø/397.2
LAWSON AAF, FT BENNING GA AD125.3/126.Ø/126.55/
226.4/278.5/388.Ø E121.7/248.2 G121.Ø5/34Ø.1
WX127.4/344.6 OP372.2 S111.4 MAC141.8Ø/34Ø.8
R4Ø.9Ø/119.Ø5/132.4/226.6/237.2 T36.7Ø/41.5Ø/
126.2/241.Ø/229.9/237.4
LAWTON MUNI OK AD233.2/248.2 T257.8 R233.2
LEA CNTY, HOBBS NM AD385.6 T257.8
LEBANON REGN'L NH AD269.5
LEE FINE MEM, KAISER MO AD353.7
LEE GILMER MEM, GAINESVL GA AD37Ø.9
LEESBURG MUNI/GODFREY FLD VA AD351.1
LEMOORE NAS/REEVES FLD CA AD124.1/134.1/286.Ø/
279.2/318.8 G3Ø5.2 E124.1/38Ø.8 WX317.Ø
R264.5/27Ø.8/279.2/285.7/3Ø1.2/3Ø9.9/314.Ø/
336.4/344.4/363.7/383.6/383.9 S267.6 T126.2/
34Ø.2/36Ø.2 DATA LINK FREQ 323.5
LEWIS WILSON ARPT, MACON GA AD279.6/388.2 R134.1/228.4/
327.5/338.6/363.8/389.9/324.3 T257.8
LEWISTON-NEZ PERCE CNTY ID AD T318.8
LIBBY AAF/SIERRA VISTA MUNI AZ AD127.95/351.8 G121.7/
248.2 R119.5/234.4/237.5 T41.5Ø/118.9/229.6
LINCOLN MUNI NE AD338.3/396.Ø G275.8 ANG3Ø5.7 NG38.6Ø
T253.5
LINDEN NJ AD379.9 E257.6 NG41.ØØ/241.Ø
LITTLE ROCK AFB AR AD123.85/124.2/3Ø6.2/34Ø.9/372.8/
378.8/353.6/385.6 G275.8 DI372.2 S271.3 CP349.4
WX239.8 R123.85/385.6 T126.2/348.4
LOGAN INT'L, BOSTON MA AD255.4/343.6/382.Ø T257.8
LONDON-CORBIN-MAGEE FLD KY AD317.4
LONG BEACH/DAUGHERTY FLD CA AD269.6/343.9 T257.6
CN122.925/123.275/123.425/123.55/275.2/314.6/382.6
LONG ISL MACARTHUR, ISLIP NY AD257.8 ARMY41.Ø0/241.Ø
T233.2
LORAIN CNTY REGN'L, ELYRIA OH AD36Ø.6
LORING AFB ME AD1Ø8.4/124.7/359.3/363.8 G275.8 WX342.5
R124.7/363.8 DI372.2 CP(42 BOMB WING)321.Ø/311.Ø
T126.2/236.6/294.7
LOS ALAMITOS AAF CA AD124.65/343.9 G126.2/352.4
OP237.2 R134.1/226.5/23Ø.8/231.Ø/234.1 T123.85/34Ø.2/
346.8
LOS ALAMOS SCIENCE LAB, NM OP34.14Ø/122.8/139.77/
141.68/142.23/148.47/162.613/163.375/164.325/
164.375/164.425/164.45/164.5Ø/165.263/166.25/
166.325/166.825/167.825/167.85Ø/167.875/167.975/
168.45/17Ø.725/171.2Ø3/171.263/171.325/171.388/
171.525/171.625/172.3Ø3/24Ø.2/248.6/256.2/257.Ø/
259.7/315.1/4Ø6.225/4Ø6.375/4Ø6.75Ø/4Ø7.175/
4Ø8.125/4Ø8.175/41Ø.ØØ/416.Ø5Ø
LOS ANGELES CGAS - SEE LOS ANGELES INT'L
LOS ANGELES INT'L CA AD269.Ø/36Ø.7/363.2/381.6/385.4
E327.Ø G327.Ø OP("SAMSO")372.2
CG381.8/383.9 T239.3/379.1
LO SIMENSTAD MUNI, OSCEOLA WI AD353.7
LOST NATION ARPT, WILLOUGHBY OH AD36Ø.6
LOVELL FLD, CHATTANOOGA TN AD321.2/379.1 E348.6
G348.6 R126.2/257.8/335.5/379.1 T257.8
LOWE AHP, FT RUCKER AL AD128.55/133.45/237.5 G265.6
T43.7Ø/141.3Ø/237.3
LUBBOCK INT'L TX AD335.6/351.8 G348.6 R269.2/351.8
T239.3
LUKE AFB AZ AD115.6/119.2/12Ø.7/124.1/379.8/269.6/
256.9 DI372.2 S269.9 G335.8 WX375.2 E395.Ø R12Ø.5/
126.8/256.9/349.7 T126.2/289.6
LYNCHBURG MUNI/PRESTON GLENN FLD VA AD348.3 T257.8

LYONS-RICE CNTY MUNI KS AD325.8

MACDILL AFB FL AD118.8/134.1/269.1/279.6/354.Ø
G275.8 R134.1/318.1/324.5/354.Ø/339.1/354.Ø/363.8
TAC(56 TACTICAL FIGHTER WING "RAYMOND 19")381.3
MSC292.1 T126.2/294.7 D1372.2 S27Ø.1
MACKALL AAF, CAMP MACKALL NC AD119.55/127.8/34Ø.7/
393.Ø WX4Ø.1Ø/344.6 T41.75/121.Ø/3Ø4.6
RANGE CONTROL 38.9Ø/246.Ø
MADISON MUNI GA AD256.9
MADISON MUNI IN AD327.Ø/3Ø6.2
MADISON MUNI SD AD353.6
MADISONVILLE MUNI KY AD226.4
MAHLON SWEET FLD, EUGENE OR AD371.9/291.7 T371.9
MAJORS ARPT, GREENVL TX AD254.3 MSC349.6
MALCOM-MCKINNON, BRUNSW GA AD277.4
MALMSTROM AFB MT AD118.1/121.1/259.1/29Ø.3
DI372.2 E119.3/269.Ø WX239.8 G275.8 R119.3/
121.1/118.1/134.1/259.1/271.3/284.Ø/29Ø.3/39Ø.8
T116.3/126.2/253.5
MANASSAS MUNI/HARRY DAVIS FLD VA AD351.1
MANCHESTER ARPT/GRENIER INDUST ARPK NH AD324.3
T324.3
MANITOWOC CNTY WI AD257.8
MANSFIELD LAHM MUNI AD257.8/39Ø.8 G275.8 T325.8
MARCH AFB CA AD119.65/134.Ø/259.1/278.3 AFR252.1
DI372.2 S113.4/27Ø.1 R119.65/125.5/269.3/351.1
G335.8 T113.4 T127.65 T253.3
MARIANNA MUNI FL AD237.5
MARION CNTY, HAMILTON AL AD325.8
MARION CNTY SC AD347.1/3Ø6.3
MARION CNTY REGN'L, FLIPPIN AR AD269.Ø
MARQUETTE CNTY MI AD259.3
MARSHALL AAF, FT RILEY KS OP4Ø.5Ø G121.7/229.4
R121.3/134.1/234.4/237.5 T41.5Ø/126.2/241.Ø/
248.2
MARSHFIELD MUNI WI AD317.7
MARTHA'S VINEYARD MA AD318.1
MATHER AFB CA AD119.1/124.5/127.4/133.1/253.5/284.Ø/
285.6/34Ø.9/363.8/372.8/259.1 D1296.Ø S27Ø.1 G275.8
CP311.Ø/321.Ø NGC("SPARTAN CONTROL")41.ØØ WX344.6
AFRC("DARR CONTROL")351.2 R127.4/134.1/253.5/284.Ø/
285.6/372.8 T12Ø.65/126.2/236.6/348.4
MATHIS FLD, SAN ANGELO TX AD257.8/354.1 G348.6 T257.8
MAURY CNTY, COLUMBIA TN AD381.4
MAXWELL AFB AL AD118.45/121.1/124.Ø/125.3/255.6/319.9/
322.5/369.2 D1372.2 S269.9 WX342.5 R124.Ø/125.3/291.Ø/
271.3/284.Ø/319.9/369.2 G289.4 T118.15/253.5
MAX WESTHEIMER, NORMAN OK AD336.4/385.5/395.Ø
MAYPORT USN FL AD124.4/372.1 G233.7 T126.2/118.75/
265.8/36Ø.2
MC CAIN FLD MS - SEE MERIDIAN NAS
MC CARRAN INT'L, LAS VEGAS NV AD295.Ø/335.5 G257.8
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MC CHORD AFB WA AD12Ø.1/121.1/125.4/126.5/269.6/29Ø.9/
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WX342.5 R139.9Ø/126.5/134.1/237.5/269.6/29Ø.9/363.8/
385.4/388.2/391.9/395.9/395.9/323.2/12Ø.1/121.1/125.4/
T1Ø9.6/124.8/236.6/259.3
MC CLELLAN AFB CA AD124.5/128.25/128.6/127.4/253.5/
284.Ø/285.6/32Ø.1/34Ø.9/353.7/363.8/381.2/271.3
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134.1/253.5/284.Ø/285.6/353.7 T124.6/236.6/369.2
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MC CONNELL AFB KS AD125.Ø/126.7/134.45/134.8/281.5/
3Ø7.9/327.1 WX375.2 R12Ø.6/126.7/281.5/327.1 G275.8
DI372.2 S119.5/269.9 T126.2/236.6/295.7
MC COY AAF, FT MC COY WI AD125.6/3Ø7.1 RANGE36.6Ø/
247.4 T41.7Ø/38.5Ø/124.6/229.4/241.Ø
MC ENTIRE ANG BASE SC AD118.85/119.7/34Ø.9/358.3
G395.8 T126.2/253.5
MC GHEE TYSON, KNOXV TN AD353.6/36Ø.8 G348.6 R126.2/
257.8 ANG143.8Ø/3Ø3.Ø T126.2/257.8
MC GUIRE AFB NJ AD11Ø.6/124.85/127.5/259.3/318.2/
363.8 G121.8/275.8 E132.8/335.8 CP13Ø.65/319.4
WX239.8 ARMY3Ø.5Ø/139.3Ø/265.6 R118.65/119.Ø5/
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T12Ø.6/236.6/255.6 DI372.2 S11Ø.6/271.8
MC KELLAR FLD, JACKSON TN AD317.4
MC MINN CNTY, ATHENS TN AD353.6
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MC NARY FLD, SALEM OR T257.2
MC PHERSON KS AD325.8
MEACHAM FLD, FT WORTH TX AD3Ø9.8 R3Ø9.8 T257.8
MEADOWS FLD, BAKERSF CA AD362.3 T257.8
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MELBOURNE REGN'L FL AD29Ø.8/358.3/34Ø.9 R358.3 T257.8
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R126.2/291.6/338.3/257.8 G257.8 ANG138.1Ø/349.4
T257.8
MEMPHIS NAS TN AD122.5/119.1/125.8/126.7/284.7/
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MERCED MUNI CA AD294.5 G252.9 T252.9
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MERCER CNTY, BLUEFIELD WV AD393.1
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S273.2 E336.4 WX312.4 R119.2/134.1/266.8/3ØØ.4/314.8/
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36Ø.2
MERRILL MUNI WI AD281.5
METCALF FLD, TOLEDO OH AD3Ø7.Ø
METRO OAKLAND INT'L CA AD3Ø7.2/317.6/323.2/35Ø.8/
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MIAMI INT'L FL AD3Ø1.5/319.9/322.3/354.1/379.9 G348.6
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MICHIANA REGN'L, SO BEND IN AD257.8 R257.8/335.5 T257.8
MICH CITY IN AD257.8
MIDLAND REGN'L TX AD29Ø.4/372.1 R29Ø.4/372.1 T257.8

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MILLER AIRPARK NJ - SEE ROBERT J MILLER
MILLER INT'L, MC ALLEN TX AD257.6/276.3 T276.3
MILLVILLE MUNI NJ AD263.6
MINNEAPOLIS-ST PAUL INT'L/WOLD-CHAMB FLD MN AD335.5
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MINOT AFB ND AD118.5/259.1/363.8 WX342.5 R118.5/259.1/
363.8 G275.8 T126.2/236.6/253.5
MINOT INT'L ND AD363.5/259.1 G393.1 R363.8 T393.1
MIRAMAR NAS/MITSCHER FLD CA AD128.Ø/132.2/12Ø.Ø5/
281.8/3ØØ.4/363.1 E3Ø1.3 S28Ø.4 WX362.1 G38Ø.8
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MOBILE AEROSPACE AL - SEE BROOKLEY
MODESTO CY-CNTY/SHAM FLD CA AD363.2/294.5 T257.8
MOFFETT FLD NAS CA AD12Ø.1/121.3/322.Ø/35Ø.8/346.Ø
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MOISANT FLD LA - SEE NEW ORLEANS INT'L
MONMOUTH CNTY, BELMAR NJ AD363.8 R388.2
MONROE CNTY, MONROEVL AL AD351.9
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MONROE MUNI WI AD287.1
MONROE REGN'L LA AD388.Ø R388.Ø T257.8
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MOODY AFB GA AD124.6/126.6/259.3/285.6/3Ø6.3 G275.8
WX342.5 S27Ø.1 DI372.2 R125.25/126.6/259.3/269.4/
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MOORE AAF, FT DEVENS MA AD124.4/279.6 T119.35/241.Ø/
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MOORE-MURRELL, MORRISTN TN AD269.5
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MORGANTOWN MUNI/HART FLD WV AD239.3/28Ø.1 T257.8
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MOTON FLD, TUSKEGEE AL AD388.5
MOULTRIE MUNI GA AD259.3/29Ø.4
MOUNTAIN HOME AFB ID AD259.1/124.8/371.2 R124.8/
359.1 G275.8 S273.5 D372.2 T126.2/253.5 WX342.5
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MT PLEASANT MUNI MI AD257.7
MT POCONO PA - SEE POCONO MTNS REGN'L
MT VERNON OH - SEE KNOX CNTY
MUELLER MUNI TX - SEE ROBERT MUELLER MUNI
MUIR AAF, FT INDIANTOWNGAP PA AD118.25/247.2
G4Ø.9Ø/139.ØØ/265.6 T126.2/241.Ø/248.2
MUNI ARPT, ORMOND BCH FL AD322.3 R322.3
MUSCLE SHOALS AL AD239.Ø
MYRTLE BEACH AFB SC AD121.2/128.7/259.3/343.6 G275.8
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343.Ø/381.3 WX239.8 T126.2/255.9

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NAPA CNTY CA AD323.Ø T257.8
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NASA WALLOPS FLT CTR, CHINCOTEAGUE VA AD134.1/
135.15/281.8/ T126.5/394.3 CN123.4 OP4Ø.87Ø/46.73Ø/
49.73Ø/49.83Ø/121.95/122.8/122.85/123.175/123.2/
123.225/123.3/123.45/123.7/148.25/148.56/148.98/
149.325/149.52/164.7ØØ/166.225/17Ø.37Ø/17Ø.4ØØ/
171.ØØØ/171.388/226.7/23Ø.4/239.4/248.6/311.2/
314.6/382.6/412.ØØØ/416.8ØØ
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NATRONA CNTY INT'L, CASPER WY AD257.8 T257.8 R257.8
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NEVADA PROVING GROUNDS & NUCLEAR TESTING SITE, NV
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162.475/163.ØØ/164.Ø25/164.1Ø/164.175/164.225/
164.275/164.4ØØ/164.475/164.525/164.675/164.7ØØ/
164.75Ø/164.775/164.963/166.2ØØ/166.225/166.275/
167.191/167.825/167.85Ø/167.925/169.ØØ/169.Ø75/
169.275/169.85Ø/17Ø.Ø25/17Ø.4ØØ/17Ø.75Ø/171.2ØØ/
171.238/171.388/171.95Ø/172.725/172.3ØØ/173.175/
173.513/173.613/173.663/173.713/239.4/24Ø.2/255.8/
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4Ø6.625/4Ø6.913/4Ø8.1ØØ/4Ø8.55Ø/4Ø9.213/41Ø.ØØ/
41Ø.Ø5Ø/411.Ø75/411.15Ø/411.6ØØ/412.65Ø/415.15Ø/
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NEW ORLEANS INT'L LA AD256.9/269.2/284.7/337.2 R257.8
T254.3
NEW ORLEANS NAS/ALVIN CALLENDER FLD LA AD12Ø.1/123.85/
124.45/125.5/269.2/284.7/356.9/362.3 G382.8 CG381.8
WX265.8 R134.1/311.6/3Ø8.4/315.6/289.4/335.8
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126.Ø5/127.9/132.35/249.9/257.3/35Ø.3/353.7/36Ø.6/
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NORTH ISL NAS/HALSEY FLD CA AD125.15/285.2/318.8
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S283.Ø T135.1/336.4/34Ø.2
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164.55Ø/164.675/165.263/167.Ø25/167.125/167.825/
167.845/171.5ØØ/171.2ØØ/172.3ØØ/172.725/173.613/
173.713/173.788/4Ø9.3ØØ/41Ø.35Ø/411.Ø25/411.2ØØ/
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OCEANA NAS/SOUCEK FLA VA AD119.6/125.2/125.7/
279.2/36Ø.6/374.8/389.9 S315.4 G336.4 WX387.4
E3ØØ.4 OP337.8 R134.1/266.8/31Ø.8/322.Ø/325.2/
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OFFUTT AFB NE AD12Ø.1/119.8/124.5/118.Ø/281.5/
363.8/263.Ø G121.7/275.8 WX342.5 R135.35/134.1/
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29Ø.3 CN123.2/123.275/123.3/123.325/123.4/123.425/
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PANAMA CITY-BAY CNTY FL AD379.3 T257.1
PATRICK AFB FL AD118.4/29Ø.8/34Ø.9/358.3 DI128.8/
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PATRICK HENRY INT'L, NEWP NEWS VA AD379.1/395.8
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G126.2/336.4 E126.2/384.4 MSC354.8 S276.2 WX356.2
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PEARSON AIRPK, VANCOUVER WA AD284.6/29Ø.3/36Ø.8
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PENSACOLA NAS/FORREST SHERMAN FLD FL AD118.Ø/118.8/
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318.1/351.1/369.2 T236.6/383.1/126.2
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PHILLIPS OK - SEE FRANK PHILLIPS
PHILLIPS AAF/ABERDEEN PROV GND MD AD124.55/125.3/ 226.9/287.1/3Ø7.9 G121.9 T126.15/229.6/241.Ø
PHILLIPSBURG MUNI KS AD353.7
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PIPESTONE MUNI MN AD353.6
PIQUA OH AD294.5/326.7
PITTSFIELD MUNI MA AD379.1
PITTSFIELD MUNI ME AD239.3/39Ø.9
PLATTSBURGH AFB NY AD119.2/121.1/126.3/353.8/372.9/ 36Ø.8 D1372.2 G275.8 WX239.8 T126.2/236.5/255.6
PLYMOUTH MUNI IN AD257.8
POCATELLO MUNI ID AD323.Ø T257.8
POCONO MTNS MUNI, PA AD381.5
POINT MUGU NAS AD124.7/128.65/325.Ø G121.6/36Ø.2 OP267.5 WX("PLEAD 13")341.3 E118.1/339.4 S125.55/ 277.2 R12Ø.75/123.75/133.25/233.7/272.5/283.5/ 3Ø8.4/345.2/355.3 T126.2/127.55/34Ø.2/382.8
POLK AAF/FT POLK LA G121.8/248.Ø WX4Ø.95 R123.7/ 261.3 T41.5Ø/126.2/119.Ø/241.Ø/248.2
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POPE AFB NC AD119.55/127.8/34Ø.7/393.Ø G275.8 D1372.2 S132.3 CP349.4/381.3 WX344.6 T126.2/236.6/291.1 AIRLIFT COMMAND 34Ø.8
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PORTAGE MUNI WI AD35Ø.3/396.Ø
PORTALES MUNI NM AD358.3/397.2
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PORTER CNTY MUNI, VALPARAISO IN AD257.8
PORTLAND-HILLSBORO OR AD 284.6/36Ø.8 G239.3 T239.3
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PORTLAND INT'L JETPORT ME AD257.8/381.2 T257.8
POST OK - SEE HENRY POST AAF OR WILEY POST
POTSDAM MUNI/DAMON FLD NY AD38Ø.3
POTTSTOWN LIMERICK PA AD291.7
POTTSTOWN MUNI PA AD291.7
POUNDS FLD, TYLER TX T257.8
PRESCOTT MUNI AZ AD263.1
PRESTON GLENN FLD VA - SEE LYNCHBURG MUNI
PRINCETON NJ AD379.9
PROGRESS FLD - SEE FREMONT OH
PRYOR FLD, DECATUR AL AD239.Ø
PUEBLO MEM CO AD29Ø.5 R29Ø.5 T257.8
PULLIAM ARPT, FLAGSTAFF AZ AD263.1 T226.3
PURDUE UNIV, LAFAYETTE IN AD393.Ø G393.Ø T393.Ø

QUAD CITY, MOLINE IL AD259.3 G257.8 R259.3 T257.8
QUAKERTOWN PA AD291.7
QUANTICO MCAF/TURNER FLD VA AD126.2/312.2 R134.1/ 3Ø6.7/374.9 G34Ø.2 T41.95/125.8/34Ø.2/36Ø.2
QUINCY MUNI-BALDWIN FLD IL 319.9
QUONSET STATE, N KINGSTOWN RI AD3ØØ.4 NG49.7Ø/ 244.1

RALEIGH CNTY MEM, BECKLEY WV AD259.1
RALEIGH-DURHAM NC AD3Ø7.9/388.Ø G348.6 R3Ø7.9 NG49.95 T257.8
RANDOLPH AFB TX AD1Ø9.7/112.Ø/125.1/125.7/124.45/ 298.Ø/3Ø7.Ø/353.5/381.4/392.1 G275.8/316.8 R12Ø.3/125.1/269.1/3Ø7.Ø WX344.6/239.8 D1372.2 T("HANGOVER")119.95/291.1
RAPID CITY REGN'L SD AD271.3/396.Ø NG41.5Ø/226.7 R271.3 T257.8
RAY S MILLER AAF, CAMP RIPLEY MN CP49.2Ø/126.2/ 241.Ø
READING MUNI GEN CARL SPAATZ FLD PA AD257.9 T257.9
REAM FLD CA - SEE IMPERIAL BEACH NAS
REDBIRD TX AD372.1 R372.1 T257.8
RED BLUFF MUNI CA AD3Ø6.9
REDDING MUNI CA AD3Ø6.9 T226.3
REDSTONE AAF, REDSTONE ARSNL AL AD118.Ø5/125.6/ 239.Ø/354.1 R119.2/124.8/225.4/237.5 OP("HUA") 126.2 T126.2/229.4/241.Ø
REEDSBURG MUNI WI AD3Ø7.1
REESE AFB TX AD118.1/119.3/335.6/351.8 G275.8 WX375.2 OP(T-37)287.6 OP(T-38)289.1 R118.1/119.3/ 335.6/351.8 T126.2/291.1
REEVES NAS CA - SEE LEMOORE NAS
REHOBOTH AIRCRAFTERS DE AD339.1
RENNER FLD, GOODLAND MUNI, KS AD353.7
RENO INT'L - SEE CANNON INT'L NV
RENO/STEAD NV NG("BLACKJACK CONTROL")4Ø.4Ø/123.Ø
RENTON MUNI WA AD263.1/284.7/338.2/385.2 T256.9 G256.9
REPUBLIC, FARMINGDALE NY AD269.Ø/388.Ø/396.1 G229.5 T229.5 R3Ø6.2
RICE LAKE MUNI WI AD269.Ø
RICHARD DOWNING, COSOCTON OH AD353.5
RICHARD E BYRD INT'L, RICHM VA AD3Ø7.2/371.1/381.5/398.2 G348.6 E348.6 R126.2/3Ø7.2/381.5 NG4Ø.2Ø T257.8
RICHARD I BONG, SUPERIOR WI AD395.8
RICHARD L JONES JR, TULSA OK AD338.3
RICHARDS-GEBAUR AFB MO AD118.9/294.7 D1372.2 G289.4 R118.9/294.7 WX375.2 CP(442 TACTICAL AIR WING "BEACHBALL")252.1 T124.2/236.6/324.3
RICHLAND ARPT, RICHL CTR WI AD269.4
RICHMOND MUNI IN AD294.5/316.7
RICKENBACKER AFB OH AD12Ø.Ø5/123.8/279.6/392.1 G275.8 R12Ø.Ø5/279.6 WX342.5 D1372.2 S273.5 NG(16ØTH)286.2 NG(166TH)311.3 SAC("SKYBIRD")311.Ø CP(3Ø2 TACTICAL AIR WING AFR "POST CARD")252.1 T126.2/236.6/32Ø.1 CN36.6Ø/123.525/275.6/3Ø5.8/314.6/345.4/382.6
RIVERSIDE MUNI CA AD259.1/295.7 T257.8
ROANOKE MUNI, WOODRUM VA AD393.1 T257.8 R257.8/393.1
ROBERT GRAY AAF, FT HOOD TX AD111.8/118.Ø/118.6/244.Ø G119.65/299.8 E119.65/299.8 R118.6/244.Ø WX41.2Ø/ 234.4 T32.1Ø/12Ø.75/241.Ø/265.6
ROBERT MILLER AIRPK, TOMS RVR NJ AD363.8 R388.2
ROBERT MUELLER MUNI, AUSTIN TX AD3Ø6.2/362.3/363.8 G348.6 R3Ø6.2/362.3/363.8/388.2/391.9/395.9 T355.1 NG36.8Ø/241.8
ROBERTS FLD, REDMOND OR AD288.1
ROBINS AFB GA AD118.95/119.6/12Ø.65/124.2/228.4/ 279.6/388.2 G121.9/275.8 WX344.6 D1372.2 R118.95/ 363.8 CP/AFR("GUNRUNNER")252.1 T126.2/32Ø.1 MAINTENANCE ("EAGLE CONTROL") 359.2
ROCHESTER-MONROE CNTY NY AD269.6/322.3 R257.8/ 269.6/3Ø7.Ø/322.3 T254.3
ROCHESTER MUNI MN AD396.1 T257.8 R257.8
ROCK CNTY, JANESVL WI T397.2
ROCKFORD IL - SEE GREATER ROCKFORD
ROCKWOOD MUNI TN AD254.3
ROCKY MT DWNTN, NC AD38Ø.2
ROCKY MT-WILSON NC AD38Ø.2
ROGERS WORLD OK - SEE WILL ROGERS WORLD
ROSCOMMON CNTY, HOUGHTON LK MI AD398.9
ROSEBURG MUNI OR AD239.Ø
ROSECRANS MEM, ST JOS MO AD239.Ø G348.6 ANG349.4 T239.Ø
ROSS FLD, BENTON HRBR MI AD257.8
ROSWELL INDUST CTR, NM AD239.Ø/353.6 T395.9
ROWAN CNTY, SALISBURY NC NG49.95 AD322.3
RUDY'S ARPY, VINELAND NJ AD263.16
RUSSELLVILLE MUNI AR AD348.7
RUTLAND STATE VT AD353.8/36Ø.8/363.8/371.9
RYAN ARPT, BATON ROUGE LA AD278.3 R278.3 T257.8

SABRE AHP, FT CAMPBELL TN AD139.9Ø/118.1/255.6/ 363.8 G149.85/267.3 G149.85/267.3
SACRAMENTO EXEC CA AD271.3/285.6/34Ø.9/363.8 T257.8 R271.3/363.8 T257.8
SACRAMENTO METRO CA AD271.3/285.6/34Ø.9/363.8 E256.7 G256.7 R271.3/388.9 T256.7
ST AUGUSTINE FL AD351.8/372.1
ST LANDRY PARSH, OPELOUSAS LA AD278.5
ST PAUL DWNTN HOLMAN FLD MN AD335.5 G254.3 T257.8 ARMY41.5Ø/299.1 NG49.65/126.2
ST PETERSBURG CGAS - SEE ST PETERSB-CLEARW
ST PETERSBURG-CLEARWATER INT'L FL AD319.8 G348.6 T257.8 CG381.8
SALINA MUNI KS AD257.7/363.2 T257.7
SALINAS MUNI CA AD263.6/3Ø2.Ø G239.3 T239.3
SALT LK CITY INT'L UT AD322.3/381.2 G348.6 E348.6 ANG311.Ø/3Ø3.Ø R126.2/257.2/257.8/284.6/3Ø5.4 T257.8
SAMUELS FLD, BARDSTWN KY AD327.Ø/388.2
SAN ANTONIO INT'L TX AD269.1/3Ø7.Ø/317.5/252.9/ 381.4 G348.6 R257.8/269.1/3Ø7.Ø/353.5/381.4 T257.8
SAN CLEMENTE IS NALF/FREDERK SHERMAN FLD CA R127.Ø5/ 134.1/265.1/3Ø5.3/385.1 MSC("BEAVER")126.65/289.9/326.5 T126.75/278.8/34Ø.2
SAN DIEGO CGAS - SEE SAN DIEGO INT'L
SAN DIEGO INT'L/LINDBERGH FLD CA AD323.Ø T27Ø.9 CG383.9 EMERGENCY FREQ (TOWER) 11Ø.9
SANFORD FL AD3Ø7.Ø
SANFORD MUNI ME AD381.2
SAN FRANCISCO CGAS - SEE SAN FRAN INT'L
SAN FRANCISCO INT'L CA AD3Ø7.2/317.6/323.2/338.2/35Ø.8 CG381.8 T353.9 HELICOPTER CONTROL TWR 128.65
SAN JOSE MUNI CA AD317.6/322.Ø/35Ø.8/346.Ø R346.Ø T257.6
SAN MARCOS MUNI TX AD3Ø6.2/362.3
SAN NICOLAS IS OLF (USN) CA R126.85/126.2/134.1/3Ø8.4/ 311.6/345.2 T126.2/126.85/34Ø.2/36Ø.2/374.8
SANTA ANA MCAS CA - SEE TUSTIN MCAS
SANTA BARBARA MUNI CA AD242.4/269.5 R269.5
SANTA FE CNTY MUNI NM AD269.4 T239.3/348.6
SANTA MARIA PUBLIC CA AD339.1/269.5 T289.6
SANTA MONICA MUNI CA AD269.Ø/36Ø.7/363.2/381.6/385.4 T257.8
SARASOTA-BRADENTON FL AD354.Ø G257.8 R354.Ø T257.8
SAVANNAH CGAS - SEE HUNTER AAF
SAVANNAH MUNI GA AD354.Ø/387.1/388.8 G348.6 T257.8 R149.4Ø ANG/AIRLIFT(165 TAG)297.Ø ANG TRAINING 123.Ø
SAWYER AFB MI - SEE K I SAWYER AFB
SCHENECTADY CNTY NY AD226.8 ANG34Ø.8 T126.2/321.1 (TOWER MONITORS 255.4/257.8/291.6/292.Ø/343.7/352.Ø/ 378.8)
SCHOLES FLD, GALVESTON TX AD284.Ø
SCHUYLKILL CNTY/ZERBEY, POTTSVL PA AD247.2/379.8
SCOTT AFB IL AD124.7/259.1/363.8 G275.8 D1372.2 S273.5 E121.75/225.4 CP383.2 R124.7/259.1 ARMY46.6Ø WX239.8 T126.2/253.5
SCOTTSDALE MUNI AZ AD255.4/3Ø5.4/393.1
SEATTLE-TACOMA INT'L WA AD263.1/385.2/284.7/338.2 T239.3
SEBRING ARPT INDUSTR PARK FL AD269.5
SEDALIA MEM MO AD285.6
SELFRIDGE ANGB MI AD134.1/119.6/318.2/395.9 WX342.5 R134.1/119.6/363.8 D1372.2 G12Ø.Ø5/275.8 T126.2/34Ø.7 OP(927 TAG)314.2 RESCUE 123.1/381.Ø
SENECA AAF, ROMULUS NY OP126.2/241.Ø UNICOM 122.8
SEVIER CNTY, DE QUEEN AR AD381.4
SEYMOUR JOHNSON AFB NC AD119.7/32Ø.1/338.6 D1372.2 S273.5 WX375.2 R123.7/127.3/236.6/253.6/29Ø.9/324.3/ 388.2/391.9/395.9 T126.2/236.6/255.6 G275.8 TACC("RAYMOND 25")381.3 TAC SUPV OF FLYING ("FALCON 5") 28Ø.5
SHANNON ARPT, FREDKSBRG VA AD126.2/312.2
SHAW AFB SC AD118.85/119.7/34Ø.9/358.3 G126.1/275.8 TACC("RAYMOND 26")381.3 E121.8/289.4 WX342.5 T126.65/ 348.4
SHEBOYGAN CNTY MEM WI AD3Ø6.3
SHELBY CNTY, ALABASTER AL AD385.6
SHELBYVILLE MUNI IN AD317.8 NG41.5Ø/139.1Ø/241.1
SHENANDOAH MUNI IA AD281.5/263.Ø/363.8
SHENANDOAH VLY ARPT, STAUNTON VA AD38Ø.3
SHEPPARD AFB/WICHITA FLS MUNI TX AD251.9/261.7/292.3/ 335.9 D1372.2 G289.4 E289.Ø WX344.6 T272.6/338.9
SHERMAN AAF, FT LEAVENWORTH KS AD123.95/124.7/126.6/ 132.95/318.1/338.6 MSC41.5Ø/126.2/241.Ø
SHREVEPORT DWNTN LA AD134.1/327.Ø/372.9/35Ø.2/363.8 T247.6
SHREVEPORT REGN'L LA AD134.1/35Ø.2/363.8/372.9 R372.9 T257.8

SIDNEY OH AD294.5/316.7
SIKES FL - SEE BOB SIKES
SIKORSKY CT - SEE IGOR SIKORSKI
SILVER CITY-GRANT CNTY NM AD351.8
SIMMONS AAF, FT BRAGG NC AD119.55/12Ø.4/34Ø.7/295.Ø G121.9/229.4 WX4Ø.1Ø R124.2/12Ø.8/237.5/234.4 T39.95/125.9/241.Ø
SIMMONS-NOTT, NEW BERN NC AD272.7/374.9 T324.8
SIOUX CITY MUNI IA AD3Ø7.Ø/325.8 G348.6 T254.3
SKY MANOR ARPT, PITTSTWN NJ AD257.8
SMART GA - SEE HERBERT SMART DWNTN
SMITH REYNOLDS, WINST-SALM NC AD233.2 G348.6 T257.8
SMYRNA TN AD36Ø.7 NG498Ø
SNOHOMISH CNTY/PAINE FLD, EVERETT WA AD3Ø6.9 G242.1 NG46.7Ø T229.4
SOLBERG-HUNTERDON, REASINGTON NJ AD379.9
SOMERSET ARPT, SOMERVILLE NJ AD379.9
SOMERSET CNTY PA AD299.2
SOMERSET HILLS, BASK RDG NJ AD379.9
SONOMA CNTY, SANTA ROSA CA AD323.Ø T363.Ø
SOUCEK FLD VA - SEE OCEANA NAS
SOUTHERN ILL ARPT, CARBONDALE IL AD269.5
SOUTH WEYMOUTH NAS/SHEA FLD MA AD121.2/124.Ø/126.3/ 127.2/139.9Ø/126.5/12Ø.6/263.1/281.5/343.6/353.9 G352.4 MSC382.Ø S277.2 WX344.6 R134.1/289.4/34Ø.2/ 35Ø.8/355.6/382.Ø/313.2 T126.2/34Ø.2/36Ø.2
SPACE & MISSILE TEST CTR CA - SEE WESTERN SPACE
SPARTANBURG DWNTN MEM SC AD35Ø.2 E348.6 T257.8
SPIRIT OF ST LOUIS MO 254.3
SPOKANE INT'L WA AD263.Ø/372.9/384.9 G348.6 S269.9 T257.8
SPRINGFIELD MUNI MO AD234.2 T257.8 NG("SHOW ME ZULU")38.45/241.8 R234.2
SPRINGFIELD MUNI OH AD327.1/353.7 G261.1 T383.1 OP(178 TACTICAL FIGHTER GRP "WOLFCUB")34.15/324.7
STANDIFORD FLD, LOUISV KY AD3Ø6.2/343.8/388.8 E275.8 G348.6 T257.8 R3Ø6.2/343.8/388.2
STAPLETON INT'L, DENVER CO AD269.3/284.Ø/288.1/351.5/ 351.8/363.Ø/37Ø.3/381.5 G257.8 E385.5 R269.3/271.3/ 284.Ø/351.8 T257.8 OVERFLIGHTS 3Ø7.3
STATESBORO MUNI GA AD363.2
STELLAR CITY AIRPK AZ MSC393.1
STENNIS INT'L, BAY ST LOUIS MO AD354.1/279.6
STEWART FLD, NEWBURGH NY NG("LIBERTY")38.2Ø T126.2/295.7 ARMY("LIBERTY")241.Ø ARMY("CRISPY CHARIOT")38.2Ø ARMY4Ø.ØØ/139.1Ø
STINSON MUNI, SAN ANTONIO TX AD252.9/381.4
STOCKTON METRO CA AD363.2 T239.Ø NG("SCHOONER")41.8Ø
STROTHER FLD, WINFIELD KS AD38Ø.2
STUTTGART MUNI AR AD353.6
SUFFOLK CNTY, WESTHAMPTN BCH NY AD257.8 G225.4 T236.6 ANG(1Ø6 AEROSPACE RESCUE & RECOVERY GROUP "RESCUE") 287.5
SUMMIT AIRPARK, MIDDLETWN DE AD323.1
SUMTER MUNI SC AD358.3
SUSSEX NJ AD379.9
SUSSEX CNTY, GEORGETOWN DE AD339.1
SYRACUSE HANCOCK INT'L NY AD279.6/285.4 E125.Ø5 R279.6/ 285.4 G348.6 T239.Ø ANG("BLACK")379.5

TACOMA INDUSTR WA AD29Ø.9 T241.2 US GEOLOGICAL SURVEY 122.8/122.9
TALLADEGA MUNI AL AD381.5
TALAHASSEE COMMERCIAL FL AD254.3
TALLAHASSEE MUNI FL AD254.3/317.4 E348.6 G348.6 R225.3/ 317.4 T257.8
TAMIAMI ARPT, MIAMI FL AD354.1
TAMPA BAY FL US GEOLOGICAL SURVEY 122.9
TAMPA INT'L FL AD269.1/279.6 R269.1/279.6 G239.3 T239.3
TAYLOR CNTY, MEDFORD WI AD317.7
TETERBORO NJ AD379.9
TEXARKANA MUNI-WEBB FLD AR AD257.8 T257.8
THE NEW GARDEN FLYING FLD, TOUGHKENAMON PA AD32Ø.1
THEODORE FRANCIS GREEN STATE, PROV RI AD279.2/3ØØ.4 G348.6 E348.6 ANG141.4Ø/383.3 T257.8
THERMAL CA AD285.6
THE WM HARTSFIELD ATLANTA INT'L GA AD284.7/379.9 G348.6 T257.6 R257.6/348.6/338.2
THIBODAUX MUNI LA AD362.3
THOMAS C RUSSELL FLD, ALXNDR CY AL AD3Ø7.7
THOMASVILLE MUNI GA AD259.3
THOMPSON FLD MS - SEE ALLEN THOMPSON FLD
THOMSON-MCDUFFIE CNTY GA AD27Ø.3
3 RIVERS MUNI-DR HAINES MI AD34Ø.9
THULE GREENLAND (USAF) MSC292.1
TIMMERMAN WI - SEE LAWRENCE TIMMERMAN
TINKER AFB OK AD115.Ø/124.6/121.Ø5/134.1/288.2/316.7/ 323.1/385.5/389.8 G121.8/275.8 WX344.6 R134.1 D1122.95/372.2 S117.8/27Ø.1 TACC("RAYMOND 24")3Ø5.6/ 381.3 FLIGHT TEST("MOLE CONTROL")382.6 T117.8/126.2/ 289.6
TIPTON AAF, FT MEADE MD AD119.7/226.9/287.1 G121.75/ 227.1 AD12Ø.65 CN136.25/275.2/314.6/382.6
TITUSVILLE-COCOA FL AD29Ø.8/34Ø.9/358.3/269.3 T396.9
TOLEDO EXPRESS OH AD228.4/3Ø7.Ø/321.1/381.2 G348.6 T392.Ø R126.2/257.8/269.3/381.2
TOLEDO MUNI OH - SEE METCALF FLD
TOMPKINS CNTY, ITHACA NY AD257.8
TORRANCE MUNI CA AD269.Ø/269.6/36Ø.7/363.2/381.6/ 385.4 T257.8
TOWERS FLD FL - SEE JACKSONVILLE NAS
TRAPNELL FLD MD - SEE PATUXENT RIVER NAS
TRAVERSE CITY CGAS MI - SEE CHERRY CAPITAL
TRAVIS AFB CA AD126.6/119.9/395.8 G121.8/289.4 WX375.2 D1376.Ø S116.4/385.8 CP13Ø.65/141.9Ø/349.4 T12Ø.75/255.9
TRENTON-ROBBINSVILLE NJ AD363.8
TRI-CITIES, PASCO WA T323.3
TRI-CITY, SAGINAW MI AD257.1 T257.7
TRI-CITY, SEBRING OH AD226.4
TRI-CITY, BRISTOL TN AD317.5 G348.6 T257.8 R126.2/ 317.5/343.Ø
TRI-CNTY, LONG ROCK WI AD3Ø7.1
TRI-STATE, WALKER LONG FLD, HUNTNGTN WV AD257.8 R257.8 T257.8
TROY MUNI AL AD234.4/237.5 G366.2 T37.ØØ/246.5 R236.5
TRUTH OR CONSEC NMAD338.2

TUCSON INT'L AZ AD259.1/297.2/363.8/393.1 G348.6 T257.8 R297.2/363.8 T257.8
TULSA INT'L OK AD338.3/319.9/351.8/381.2 G348.6 E397.2 R319.9/338.3/381.2 D126Ø.4 T257.8
TURNER FLD - SEE QUANTICO MCAS
TUSCALOOSA MUNI AL AD257.2 T256.7
TUSTIN MCAS CA AD124.1/133.35/323.1/38Ø.2 G38Ø.8 C271.7/274.9/379.9 R133.35/38Ø.2 S384.3 T41.95/126.2/34Ø.2/344.2
TWEED-NEW HAVEN CT AD319.8 G257.7 T257.7
29 PALMS MCB/EXPEDITIONARY ARFLD CA G272.4 T338.1 MSC("BEARMAT")126.2/34Ø.2
TWIN FLS CITY/CNTY-JOSLIN FLD ID AD398.2/263.1 T398.2
TYLER MEM MI - SEE JERRY TYLER MEM
TYNDALL AFB FL AD119.75/121.Ø5/294.5/383.1 E134.1/289.4 WX344.6 DI372.2 S271.8 CP286.7 G255.9 T126.2/383.1

UNION CNTY, MARYVILLE OH AD353.9
UNIV OF ILL-WILLARD, CHAMPAIGN IL AD291.Ø R291.Ø T229.4/291.Ø
UNIV PARK, STATE COLLEGE PA AD272.7

VALDOSTA MUNI GA AD259.3/29Ø.4
VANCE AFB OK AD115.4/12Ø.35/121.3/291.1/358.3/369.2 E225.4 G126.2/289.4 T126.2/348.4 S115.4/271.8 WX342.5
VANDALIA MUNI IL AD317.7
VANDENBURG AFB CA AD118.Ø/339.1/324.3/363.8 G275.8 CP311.Ø/321.Ø WX344.6 DI372.2 R118.Ø/339.1 RANGE CONTROL 121.4/296.5/386.6
VAN NUYS CA AD317.5/36Ø.6/395.9 OP3Ø3.Ø T239.Ø CN123.2/123.225/123.45/232.Ø/241.Ø/349.Ø
VERMILION CNTY, DANVILLE IL AD291.Ø
VERO BEACH MUNI FL AD37Ø.9
VICTORIA REGN'L TX AD353.6
VIDALIA MUNI GA AD363.2
VIRGIL GRISSOM MUNI, BEDFORD IN AD317.8
VOLK FLD, CAMP DOUGLAS WI G275.8 T126.2/236.6 HARDWOOD RANGE 34.2Ø/297.1/358.2 SHEBOYGAN RANGE 26Ø.4
V P I, BLACKSBURG VA AD393.1

WACO-MADISON COOPER TX AD363.Ø T257.8 CN121.7/124.Ø/251.4/255.7
WAKEFIELD MUNI VA AD353.7
WALKER FLD, GR JCT CO AD257.8 G257.8 T257.8
WALLA WALLA CITY/CNTY WA AD269.1 G289.4 T289.4
WALLOPS FLIGHT CTR VA - SEE NASA WALLOPS
WALNUT RIDGE REGN'L AR AD29Ø.2
WALTERBORO MUNI SC AD319.8
WARMINSTER NADC PA AD123.8/291.7 T126.2/34Ø.2/359.6
WARREN AFB WY - SEE CHEYENNE MUNI
WARREN CNTY, GLENS FALLS NY AD3Ø7.2
WARREN CNTY MEM, TN AD353.5
WARSAW MUNI IN AD284.6
WASHINGTON CNTY PA AD388.Ø
WASHINGTON DC NAF - SEE ANDREWS/WASH DC NAF
WASHINGTON NATIONAL DC AD3Ø6.3/269.Ø/322.3/338.2/343.7/396.1 R269.Ø G257.6 T257.6
WASHINGTON-WILKES CNTY GA AD256.9
WATERBURY-OXFORD CT AD319.8
WATERLOO MUNI IA AD257.8/381.2 G248.2 T257.8 NG241.Ø
WATERTOWN MUNI WI AD343.9
WATERTOWN NY INT'L NY AD377.1
WATERVILLE ROBT LAFLEUR ME AD269.6
WATSONVILLE MUNI CA AD3Ø2.Ø
WAUPACA MUNI WI AD37Ø.9
WAUSAU MUNI WI AD317.7
WEEDON FLD, EUFAULA AL AD278.5
WELD CNTY MUNI, GREELEY CO AD29Ø.2
W BEND MUNI WI AD3Ø7.Ø ARMY 4Ø.8Ø/241.Ø
WESTCHESTER CNTY, WHT PLAINS NY AD319.8 G381.2 R319.8 T381.2 ANG("POLO OPERATIONS")46.75/139.7Ø/361.4
WESTERLY STATE RI AD31Ø.8
WESTERN SPACE & MISSILE CTR CA R121.4/296.5/386.6
W GA REGN'L, CARROLLTON GA AD343.6
WESTHEIMER OK - SEE MAX WESTHEIMER
W MEMPHIS MUNI AR AD284.7/291.6 R126.2/257.8/291.6/338.3
WESTMINSTER MD AD226.9/287.1
WESTMORELAND CNTY, LATROBE PA AD299.2
WESTOVER AFB MA AD121.Ø5/325.8 G126.2/275.8 DI372.2 T127.Ø/114.Ø/348.4 R121.Ø5/325.8 NG38.7Ø CP(439 TACTICAL AIR WING "CASINO ROYAL")252.1
W POINT MUNI VA AD36Ø.6
WHEELER-SACK AAF, FT DRUM NY T49.8Ø/126.2/241.Ø/229.8
WHEELING-OHIO CNTY WV AD388.Ø T257.8
WHIDBEY ISL NAS/AULT FLD WA AD12Ø.7/118.2/286.Ø/27Ø.8/E38Ø.8 G121.75/336.4 WX344.6 R126.Ø5/266.8/31Ø.8/322.Ø/346.Ø/325.2 T126.2/34Ø.2 DATA LINKS 313.3
WHITEFIELD REGN'L NH AD354.1
WHITEMAN AFB MO AD285.6/352.Ø G275.8 CP321.Ø NG41.ØØ WX344.6 T199.Ø/125.7/255.6 DI372.2
WHITE SANDS MISSILE TEST RANGE, NEAR ORGAN NM - OP3Ø.Ø9Ø/3Ø.29Ø/3Ø.49Ø/3Ø.5ØØ/32.65Ø/32.89Ø/34.7ØØ/36.1ØØ/36.51Ø/36.91Ø/38.5ØØ/4Ø.1ØØ/4Ø.9ØØ/41.25Ø/41.43Ø/41.59Ø/41.9ØØ/49.93Ø/118.45/119.Ø/121.8/122.8/122.9/123.3/126.95/135.85/135.95/138.2Ø/139.38/139.44/139.77/139.8Ø/14Ø.55/14Ø.6Ø/141.35/141.4Ø/141.48/141.68/141.86/142.23/142.325/142.875/142.9Ø/142.925/143.ØØ/143.175/143.275/148.ØØ/148.15/148.47/148.485/148.6Ø5/148.7Ø/148.755/148.815/148.9Ø/149.175/149.85/15Ø.2ØØ/15Ø.45Ø/15Ø.475/15Ø.525/15Ø.575/15Ø.675/163.325/164.5Ø/165.138/165.563/165.613/166.ØØ/167.175/167.85/17Ø.35Ø/17Ø.575/17Ø.938/171.15Ø/171.175/171.238/171.263/171.388/173.Ø88/173.463/173.663/173.688/173.818/173.913/23Ø.4/23Ø.5/237.4/24Ø.2/243.5/248.6/252.4/256.2/257.Ø/258.9/259.7/261.3/262.5/265.6/267.3/268.Ø/275.2/28Ø.8/284.1/287.2/29Ø.6/291.8/292.2/294.6/295.3/299.1/299.8/3Ø4.2/3Ø4.3/315.2/319.6/32Ø.7/339.9/341.6/345.4/347.5/349.6/377.5/379.7/383.Ø/384.Ø/384.8/386.2/389.5/391.5/395.5/397.1/4Ø7.3ØØ/4Ø9.ØØ/412.875/412.975/413.525/416.6ØØ
WHITING FLD NAS-NORTH FL AD126.85/127.35/278.8/298.9 S284.2 G341.Ø E354.8 WX317.Ø T126.2/344.2
WHITING FLD NAS-SOUTH FL AD126.85/127.35/278.8/298.9 G346.8 WX317.Ø R355.6/362.2/382.8 T126.2/349.8
WHITTED FL - SEE ALBERT WHITTED
WICHITA MID-CONTINENT KS AD281.5/29Ø.3/353.5 G348.6 T257.8 R281.5/29Ø.3
WICHITA VLY, WICHTA FLS TX AD292.3
WILBARGER CNTY, VERNON TX AD259.3/29Ø.9
WILEY POST, OKLA CITY OK AD336.4/363.8/385.5/395.Ø R363.8/395.Ø G348.6 T3Ø6.9
WILKES-BARRE-SCRANTON INT'L PA AD381.5 R381.5/323.Ø T257.8
WILLARD OH AD39Ø.8
WILLIAM HOBBY, HOUSTON TX AD257.7/284.Ø/3Ø7.1/379.1 T256.9
WILLIAMS AFB AZ AD115.6/119.2/12Ø.7/124.1/12Ø.4/269.6/317.5/353.8/269.6/379.8/388.Ø E289.4 G275.8 WX344.6 R12Ø.4/124.9/353.8/388.Ø T113.3/126.2/255.6
WILLIAMSBURG CNTY SC AD353.5
WILLIAMS CNTY, BRYAN OH AD228.4
WILLIAMSON CNTY, MARION IL AD269.5
WILLIAMSPORT-LYCOMING CNTY PA T257.8
WILLOW GROVE NAS PA AD123.8/266.8/291.7/325.2 E121.8 G121.8/38Ø.8 WX344.6 R126.45/266.8/299.6/3Ø6.8/314.8/325.2 ANG141.8Ø/343.Ø AFR138.9Ø/351.2 T119.35/34Ø.2 S275.6
WILLOW RUN ARPT, DETROIT MI AD363.2/348.3 R363.2
WILL ROGERS FLD, OKLA CITY OK AD336.4/385.5/395.Ø G348.6 OP319.4 R134.1/288.2/316.7/389.9 T139.9Ø/257.8
WILMINGTON DE - SEE GREATER WILMINGTON
WINCHESTER MUNI VA AD384.9
WINDER GA AD256.9 NG35.ØØ/242.4
WINDHAM ARPT, WILLIMANTIC CT AD31Ø.8/348.3
WINGS FLD, PHILA PA AD291.7
WINONA MUNI-MAX CONRAD FLD MN AD248.2
WINSLOW MUNI AZ AD263.1
WITTMAN FLD, OSHKOSH WI AD3Ø6.3
W K KELLOGG REGN'L, BATTLE CRK MI AD34Ø.9 G348.6 T239.Ø ANG267.8
WOLD-CHAMBERLAIN - SEE MINNEAPOLIS-ST PAUL INT'L
WOOD CNTY, BOWLNG GRN OG AD3Ø7.Ø
WOOD CNTY-GILL ROBB WILSON FLD, PARKERSBG WV AD237.3/398.9 T257.8
WOODWARD FLD, CAMDEN SC AD34Ø.9
WORCESTER MUNI MA AD263.Ø/353.7 T263.Ø
WRIGHT NJ - SEE ESSEX COUNTY
WRIGHT AAF, FT STEWART GA AD12Ø.4/125.3/339.3/354.Ø/387.1 OP38.7Ø G121.7/234.4 T38.9Ø/126.2/231.8 MSC("VICTORY RADIO")41.3Ø/127.35/247.Ø
WRIGHT-PATTERSON AFB OH AD118.4/118.85/291.1/327.1 G121.8/335.8 R118.4/294.5/294.7/316.7/324.5/389.8 DI372.2/122.85 S115.2/269.9 T115.2/126.7/236.6/289.6
WURTSMITH AFB MI AD116.1/128.6/3Ø1.5/363.8/395.Ø G275.8 WX342.5 CP321.Ø R128.6/3Ø1.5 DI372.2 T126.2/236.6/289.6

YAKIMA AIR TERM WA AD393.1 G348.6 T257.8
YELLOWSTONE MT AD338.3
YOUNGSTOWN MUNI OH AD322.3/381.4 G275.8 T263.Ø R381.4
YUBA CNTY, MARYSVL CA AD327.5 T393.1
YUMA MCAS/YUMA INT'L AZ AD314.Ø/374.8 G34Ø.2 E336.4 CP337.9 WX349.9 R254.Ø/27Ø.8/286.Ø/3Ø1.2/3Ø5.2 TARGET 337.9 T126.2/352.5/382.8 CN123.2/123.275/123.4/123.425/123.45/123.55/275.2/314.6/382.6
YUMA PROVING SITE, YUMA AZ OP3Ø.1ØØ/3Ø.3ØØ/3Ø.5ØØ/32.1ØØ/32.3ØØ/32.75Ø/32.85Ø/34.1ØØ/34.5ØØ/34.7ØØ/36.3ØØ/36.7ØØ/38.45Ø/38.7ØØ/38.9ØØ/4Ø.82Ø/4Ø.9ØØ/41.5ØØ/46.7ØØ/46.9ØØ/49.7ØØ/49.8ØØ/118.Ø5/118.8/119.Ø/121.8/138.975/139.Ø25/139.ØØ/139.425/139.5Ø/139.545/14Ø.Ø55/14Ø.Ø75/14Ø.175/14Ø.25/14Ø.455/14Ø.5Ø/14Ø.65/14Ø.675/14Ø.76/14Ø.895/141.ØØ/141.4Ø/141.8Ø/142.9Ø/143.5Ø5/143.575/143.715/148.35/148.98/149.Ø5/149.125/149.15/149.775/15Ø.15/15Ø.5Ø/15Ø.675/163.463/163.488/163.538/163.563/163.588/165.Ø13/165.Ø38/165.Ø63/165.Ø88/165.113/165.138/165.163/167.85Ø/168.45Ø/173.488/173.513/173.563/173.588/228.8/229.7/23Ø.2/241.Ø/242.2/242.4/248.2/248.4/25Ø.3/251.Ø/262.6/262.9/273.2/275.2/282.8/285.1/288.Ø/299.Ø5/299.3/3Ø4.3/3Ø7.5/31Ø.2/31Ø.3/314.6/318.5/325.4/336.4/342.9/356.4/358.6/36Ø.2/365.1/382.6/384.4/385.1/4Ø7.3ØØ/4Ø7.35Ø/4Ø7.45Ø/4Ø7.45Ø/4Ø7.475/4Ø7.525/412.925

"MYSTERY FREQUENCIES"

The following frequencies are not listed elsewhere in this publication. Although there isn't sufficient information at this time to include these in the main frequency listing, there is strong reason to believe that these frequencies are quite "classified" and being used for security, undercover, intelligence, surveillance, tactical, or related "sensitive" communications. Additional information, based upon actual monitoring, is required for further analysis. Users of this publication are requested to advise us concerning same.

3Ø.39Ø
3Ø.53Ø
32.17Ø
32.23Ø
32.67Ø
34.13Ø
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162.763
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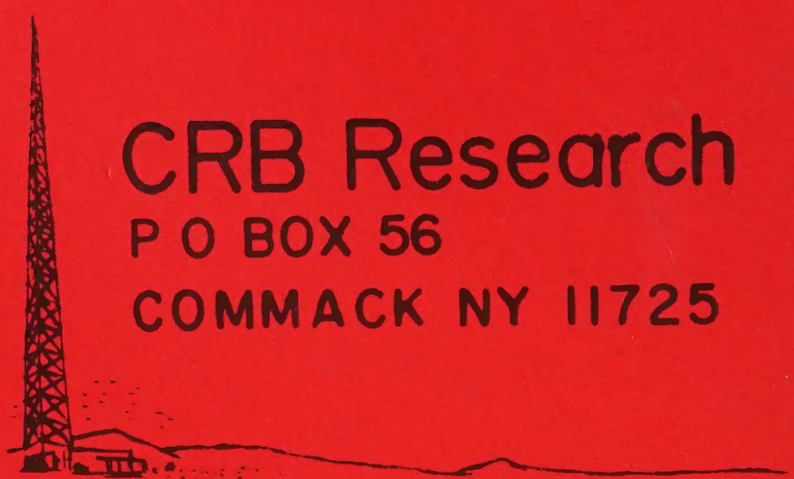

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